



U.S. Department of Veterans Affairs

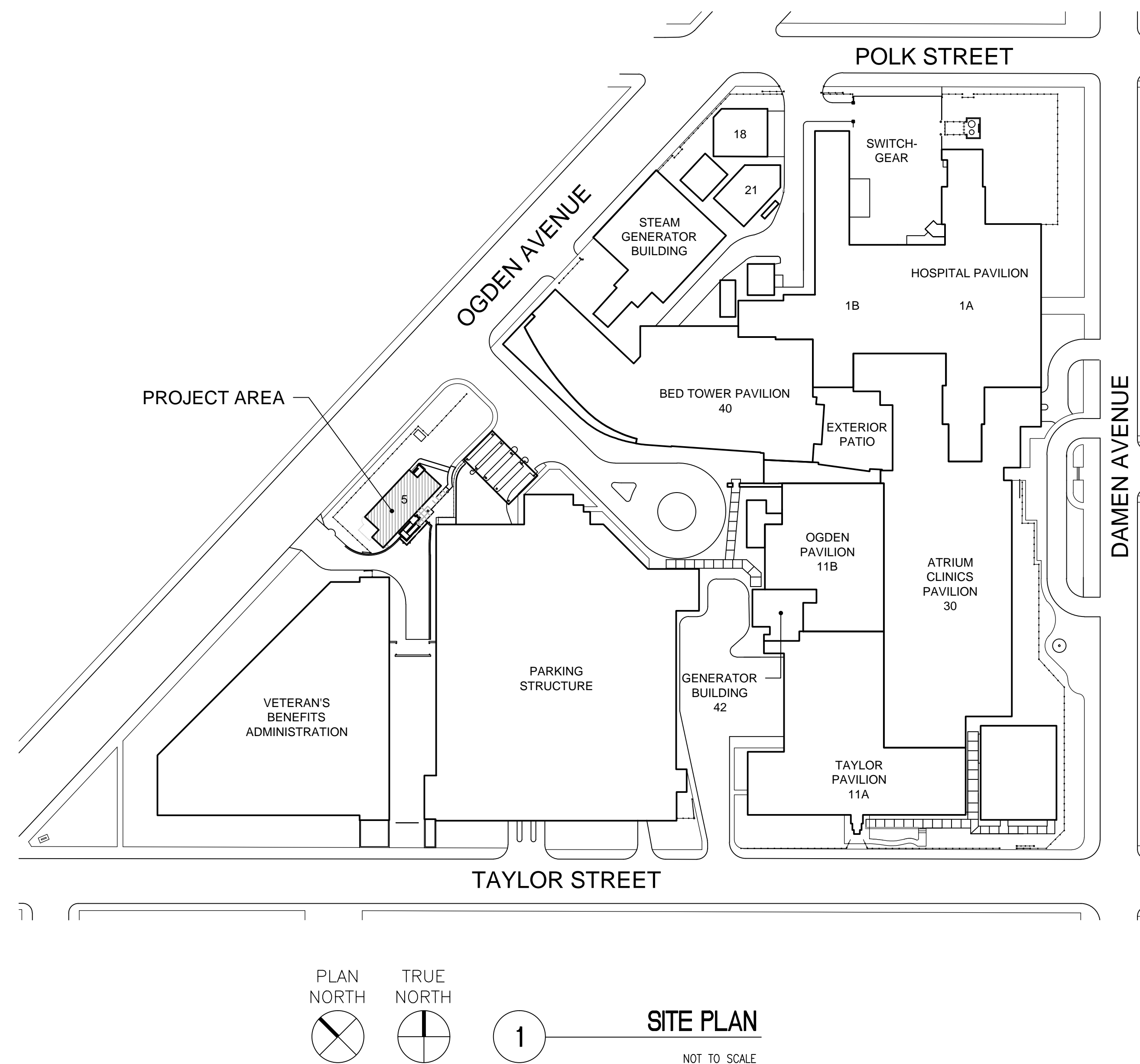
PROJECT LOCATION:
JESSE BROWN VA MEDICAL CENTER
820 S. DAMEN AVENUE
CHICAGO, ILLINOIS 60612
312.569.8387

PROJECT TITLE:
**INTERIOR ARCHITECTURAL
CONSTRUCTION AT BUILDING 5**

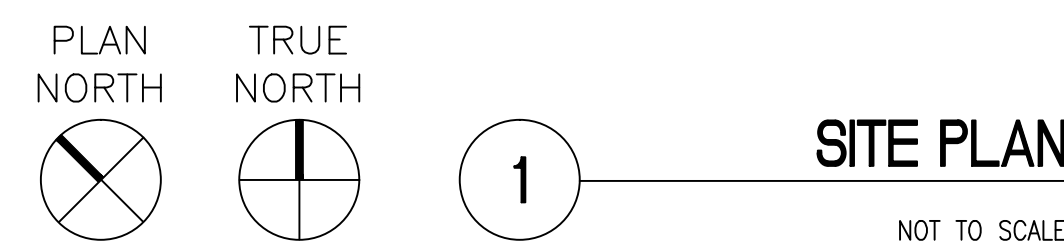
BUILDING NUMBER: 5

ARCHITECTS + ENGINEERS:
BANCROFT ARCHITECTS + ENGINEERS
700 NICHOLAS BLVD. SUITE 403
ELK GROVE VILLAGE, IL 60007
847.952.9362
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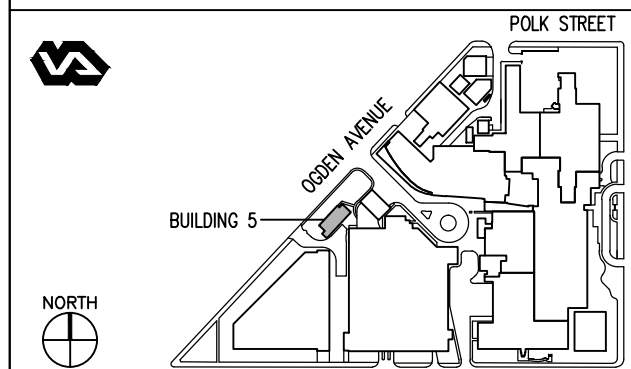
PROJECT NUMBERS:
IDIQ NO. VA69D-13-D-0042
CONTRACT NO. VA69D-14-J-3280
STATION PROJECT NO. 537-13-122
BANCROFT-AE PROJECT NO. 13-105-08



SHEET INDEX	
DRAWING NUMBER	DRAWING TITLE
G-000	COVER
G-001	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
SITE	
AS-101	SITE PLANS- DEMOLITION AND NEW
ARCHITECTURAL	
AD-101	FIRST FLOOR, PARTIAL BASEMENT, AND REFLECTED CEILING DEMOLITION PLANS
A-101	FIRST FLOOR PLAN/ PARTIAL BASEMENT PLAN AND FIRST FLOOR REFLECTED CEILING PLAN
A-201	ELEVATION, SECTIONS, AND DETAILS
A-301	DOOR SCHEDULE, DETAILS AND ROOM FINISH SCHEDULE
A-401	DEDUCT ALTERNATES - FIRST FLOOR PLAN AND EXTERIOR STAIRS
STRUCTURAL	
S-101	RAMP FOUNDATION PLAN AND DETAILS
S-102	FOUNDATION SECTIONS
S-103	STRUCTURAL GENERAL NOTES
ELECTRICAL	
E-001	ELECTRICAL NOTES AND SYMBOLS
EP-101	EXISTING POWER/DATA PLANS
EP-102	ELECTRICAL POWER PLAN AND LIGHTING PLAN
E-200	ELECTRICAL DETAILS AND SCHEDULES



SITE PLAN:



ENGINEERS + CONSULTANTS:

ARCHITECT + ENGINEERS:



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Bancroft-AE Project No. 13-105-08

Drawing Title
COVER

Approved: Project Director

Project Title
**INTERIOR ARCHITECTURAL
CONSTRUCTION AT BUILDING 5**

Location
CHICAGO, IL

Date
12/03/2015

Checked
RR

Drawn
JVJ

IDIQ NO. VA69D-13-D-0042
CONTRACT NO. VA69D-14-J-3280

Project Number
#537-13-122
Building Number
5
Drawing Number
G-000

Office of
Construction
and Facilities
Management



GENERAL NOTES - PAINTING

- P1. PROVIDE ALL PAINTING AND RELATED WORK AS SHOWN ON THE DRAWING AND/OR AS REASONABLY IMPLIED BY THE SPECIFICATIONS AND THE PROJECT REQUIREMENTS TO PROVIDE A COMPLETELY FINISHED PROJECT.
- P2. ALL SCRATCHES, DENTS, CRACKS AND/OR OPENINGS ON EXISTING AND NEW WALL SURFACES ARE TO BE FILLED WITH PLASTER PATCH, SPARKING COMPOUND OR OTHER PRESCRIBED MATERIAL IN AN INDUSTRY APPROVED MANNER AND SANDED SMOOTH TO PROVIDE A "LIKE NEW" SURFACE CONDITION BEFORE PAINTING AND FINISHING.
- P3. ALL SURFACES ARE TO BE CLEANED FREE OF LOOSE DIRT, DUST, OIL, GREASE AND ALL FOREIGN MATTER JUST PRIOR TO FINISHING.
- P4. PROVIDE ALL LABOR, MATERIALS, BRUSHES, TOOLS, LADDERS AND ALL EQUIPMENT OF ANY KIND NECESSARY FOR PROPER EXECUTION OF THE WORK.
- P5. WORKMANSHIP SHALL BE FIRST CLASS IN EVERY RESPECT WITH ALL MATERIALS EVENLY SPREAD AND SMOOTH WITHOUT RUNS, SAGS, OR DEBRIS IN THE FINISHED SURFACE.
- P6. THE PRIME COAT SHALL BE TINTED TO APPROXIMATE SHADE OF FINAL COAT. ALL SECTIONS, SPOTS OR HOT SPOTS AFTER PRIMARY APPLICATION SHALL BE TOUCHED-UP BEFORE APPLYING THE SECOND COAT TO PRODUCE A SMOOTH AND LEVEL SURFACE. THE FINAL COAT SHALL NOT BE APPLIED UNTIL AFTER ALL OTHER TRADES, WHOSE OPERATIONS WOULD BE DETRIMENTAL TO FINISH PAINTING, HAVE FINISHED THEIR WORK IN THE AREAS TO BE PAINTED.
- P7. WORK NOT INCLUDED: UNLESS OTHERWISE INDICATED, SHOP PRIMING OF FERROUS METAL ITEMS AND FABRICATED COMPONENTS ARE INCLUDED UNDER THEIR RESPECTIVE TRADES. PRE-FINISHED ITEMS ARE NOT INCLUDED. FINISHED METALS SUCH AS ANODIZED ALUMINUM, STAINLESS STEEL, BRONZE, AND SIMILAR METALS WILL NOT BE PAINTED, UNLESS OTHERWISE SPECIFIED. DO NOT PAINT ANY MOVING PARTS OF OPERATING UNITS, OR OVER ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATINGS, NAMES OR NOMENCLATURE PLATES OR CODE-REQUIRED LABELS.
- P8. PROTECTION: PROTECT WORK OF OTHER TRADES. CORRECT ANY PAINTING RELATED DAMAGES BY CLEANING, REPAIRING OR REPLACING, AND REFINISHING, AS DIRECTED BY THE COR.
- P9. PROPERLY PREPARE ALL SURFACES TO RECEIVE FINISHES AND APPLY PRIME COATS, PAINTING AND FINISHING MATERIALS IN ACCORDANCE WITH EACH MANUFACTURER'S DIRECTIONS FOR A QUALITY APPLICATION. USE APPLICATORS AND TECHNIQUES BEST SUITED FOR MATERIALS AND SURFACES TO WHICH APPLIED.
- P10. APPLY ADDITIONAL COATS WHEN UNDERCOATS, STAINS OR OTHER CONDITIONS SHOW THROUGH FINAL PAINT OR FINISHED COAT, UNTIL THE SURFACE FILM IS OF UNIFORM FINISH COLOR AND APPEARANCE.
- P11. APPLY EACH MATERIAL AT NOT LESS THAN THE MANUFACTURER'S RECOMMENDED SPREADING RATE, TO PROVIDE A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 2.5 MILS FOR ENTIRE COATING SYSTEM OF (1) PRIME AND (2) FINISH COATS FOR 3 COAT WORK ON PAINTED SURFACES.
- P12. PAINTED SURFACE PREPARATION - COMPLY WITH PAINT MANUFACTURER'S RECOMMENDATIONS FOR EACH MATERIAL TYPE AND SURFACE FINISH AS PER THEIR REFERENCE GUIDE AND SPECIFICATIONS.
- P13. METAL SURFACE PREPARATION - ALL METAL SURFACES TO BE PAINTED MUST BE CLEAN AND FREE OF RUST, MILL SCALE, GREASE, OIL, DIRT AND OTHER FOREIGN MATTER. ALL ALUMINUM MUST BE CLEANED WELL IN ORDER TO REMOVE ALL SURFACE FILM AND OILS, AND SHALL BE PROPERLY PRIMED IN ACCORDANCE WITH THE PAINT MANUFACTURER'S RECOMMENDATIONS.
- P14. STRIP EXISTING PAINT, GRIND AND REMOVE ALL RUST, CLEAN, PROVIDE (1) PRIME COAT & (2) FINISH COATS OF PAINT ON ALL EXISTING EXTERIOR METAL COLUMNS, GUARD RAILS, HAND RAILS & ALL EXPOSED MISCELLANEOUS METAL BRACKETS, PLATES, EXTERIOR METAL DOORS AND FRAMES, ETC.
- P15. PAINT ALL EXPOSED MECHANICAL DUCTS, DUCT INSULATION, PIPING, ELECTRICAL CONDUITS, SUPPORTS, BRACKETS, HANGERS, ETC. PRIME ALL ELEMENTS AS PER THE PAINT MANUFACTURER'S RECOMMENDATIONS AND PROVIDE (2) FINISH COATS APPLIED BY SPRAYED ON APPLICATION.

GENERAL NOTES TO CONTRACTOR(S)

(APPLIES TO ALL CONTRACTORS)

- A. ALL WORK SHALL BE COMPLETED ACCORDING TO ALL PUBLISHED APPLICABLE LOCAL STATE FEDERAL AND NATIONAL CODES, ORDINANCES, REGULATIONS AND VA REQUIREMENTS.
- B. EACH CONTRACTOR SHALL HAVE PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION INSURANCE. CONSULT VA REQUIREMENTS FOR EXACT COVERAGE REQUIRED.
- C. EACH CONTRACTOR SHALL COORDINATE WITH ALL OTHER CONTRACTORS. CHECK, PRIOR TO COMMENCEMENT OF WORK, FOR SPACE REQUIREMENTS WITH ALL OTHER TRADES.
- D. RELOCATION OF DUCTS, PIPING, CONDUIT, ELECTRICAL BOXES WHICH MAY ALTER THE ARCHITECTURAL OR STRUCTURAL CONSTRUCTION MUST BE APPROVED BY THE COR, PRIOR TO RELOCATION. NO EXTRA PAYMENT WILL BE ALLOWED FOR WORK RESULTING FROM THESE CHANGES, WITHOUT APPROVALS.
- E. MECHANICAL CONTRACT DRAWINGS SHALL BE TAKEN IN A SENSE AS DIAGRAMMATIC. SIZE & MEANS OF RUNNING PIPING ARE SHOWN BUT IT IS NOT INTENDED TO SHOW EVERY FITTING AND OFFSET, NOR EVERY STRUCTURAL DIFFICULTY THAT CAN BE ENCOUNTERED DURING THE INSTALLATION OF THE WORK.
- F. EXAMINATION OF THE DRAWINGS, SPECIFICATIONS AND SITE: BEFORE SUBMITTING A BID. THE BIDDERS SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS SO AS TO BE THOROUGHLY FAMILIAR WITH ALL THE REQUIREMENTS. EACH BIDDER SHALL VISIT THE SITE OF THE WORK TO BECOME ACQUAINTED WITH ALL THE CONDITIONS AFFECTING THE CONTRACT, OBSTACLES WHICH MAY BE ENCOUNTERED AND ALL OTHER CONDITIONS RELATIVE TO THE WORK TO BE PERFORMED: AND, IF AWARDED THE CONTRACT, SHALL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY UNFORESEEN DIFFICULTIES OR OBSTACLES WHICH THE BIDDER COULD HAVE DISCOVERED OR REASONABLY ANTICIPATED PRIOR TO THE BUILDING. SHOULD ANY DISCREPANCIES, ERRORS, CONFLICT OR ITEMS NEEDING CLARIFICATION BE DISCOVERED IN THE PLANS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE COR PRIOR TO SUBMITTING A BID AND BEFORE STARTING WORK.
- G. ~~CONTRACTOR'S SUPERVISION:~~ EACH CONTRACTOR SHALL MAINTAIN A COMPETENT FOREMAN OR DIRECT REPRESENTATIVE ON THE JOB AT ALL TIMES. THE CONTRACTOR SHALL COOPERATE WITH THE SUPERINTENDENT AND FOREMEN OF OTHER TRADES IN ORDER THAT THERE MAY BE NO DELAY IN THE ERECTION AND COMPLETION OF THE WORK.
- H. ADA/ABA ROOM SIGNS: PROVIDE AND 8"x8" PREMANUFACTURED SIGNAGE SYSTEM, SURFACE MOUNTED, AT EACH INTERIOR DOOR AND CASED OPENING. COMPLY WITH ALL ADA BRAIL, IMAGERY AND MOUNTING REQUIREMENTS. PROVIDE SIGNS WITH FLEXIBLE ROOM NAME/USE TITLE BLOCK CHANGEABILITY. EACH SIGN SHALL INCLUDE A ROOM #, ROOM TITLE, ADA IMAGERY, IF REQUIRED AND THE BRAIL VERSION. COORDINATE ALL SIGNAGE REQUIREMENTS, COLOR SELECTIONS, MOUNTING LOCATIONS, FONT TYPE AND COLOR, ETC. PROVIDE A TOTAL OF (17) INDIVIDUAL SIGNS AND ALL RELATED WORK TO FULLY COORDINATE VA INFORMATION/REQUIREMENTS ALONG WITH ALL INSTALLATION.

ARCHITECTURAL BARRIERS ACT (ABA) COMPLIANCE

PER CBC CHAPTER 18-11-1117.3.4 AND ICC/ANSI-A117.1- 2009 THE FOLLOWING COMPLY FULLY:

1. ACCESSIBLE ENTRY
2. ACCESSIBLE MEN'S AND WOMEN'S TOILET ROOMS.
3. ACCESSIBLE HI-LO DRINKING FOUNTAINS.
4. ALL CONTROLS AND OPERABLE PARTS FULLY COMPLY AND ARE BETWEEN 15" AND 48".
5. ALL SIGNAGE COMPLIES - IS OF BRAILLE AND TACTILE AND IS LOCATED ON THE DOOR HANDLE SIDE OF DOOR. INSTALLED AT APPROPRIATE HEIGHT AND DISTANCE FROM DOOR FRAME.

APPLICABLE CODES + STANDARDS

ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES;

1. VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) (<http://www.cfm.va.gov/til/>).
2. INTERNATIONAL BUILDING CODE (IBC) 2015
3. NFPA 101 LIFE SAFETY CODE 2015
4. NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900
5. OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.
6. VA SEISMIC DESIGN REQUIREMENTS, H-18-8
7. NATIONAL ELECTRICAL CODE (NEC) 2014
8. NATIONAL STANDARD PLUMBING CODE (NSPC) 2015
9. ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13)

SPECIAL SAFETY NOTICE

ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES AS WELL AS ALL OTHERS AND IN THE CARE OF THE PROPERTY AND THE PUBLIC WAY.

EACH CONTRACTOR OR SUBCONTRACTOR, AS REPRESENTATIVES OF THEIR EMPLOYEES, SHALL ASCERTAIN THAT THE CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO ACCOMPLISH THEIR WORK ARE SAFE AND MEET ALL REGULATIONS OF THE OCCUPATIONAL SAFETY AND HAZARD ACT OR OTHER GOVERNING REGULATIONS. THE BEGINNING OF WORK BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE SATISFACTION CONCERNING SAFETY AND FULL RESPONSIBILITY FOR ACCIDENTS, INJURIES, AND/OR DAMAGES.

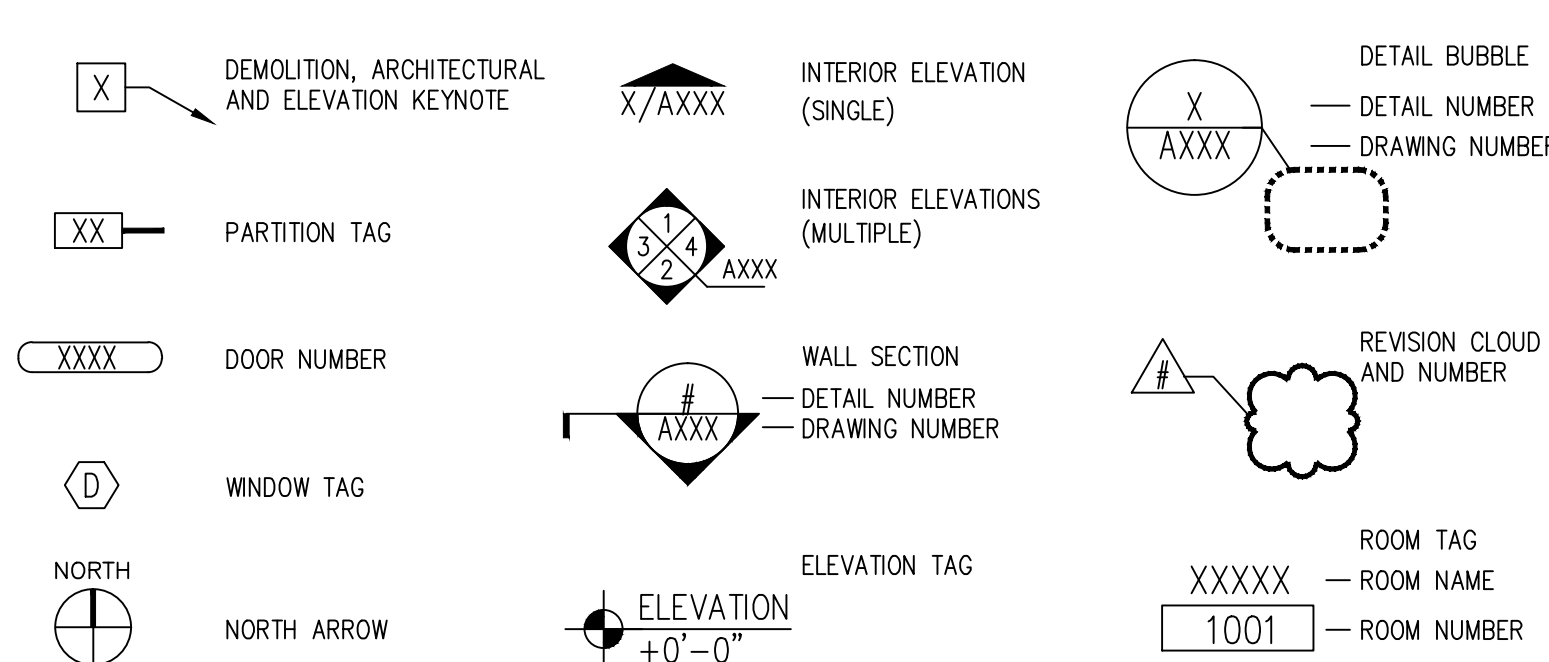
IF UNSATISFIED, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES IS, UPON INSPECTION, FOUND AT ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL WORK AND NOTIFY THE GENERAL CONTRACTOR AND COR. THE BID SUBMISSIONS AND BEGINNING OF WORK SHALL INDICATE ACKNOWLEDGMENT AND ACCEPTANCE OF THESE REQUIREMENTS.

BASIS OF DESIGN (BOD) PROTOCOLS

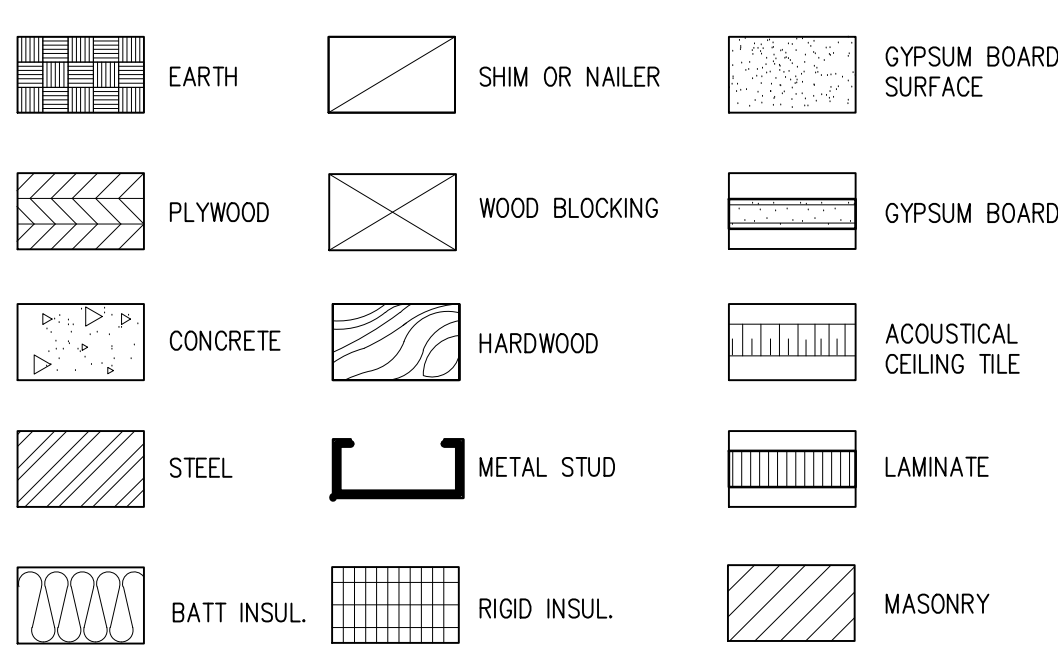
BASIS OF DESIGN COMPLIANCE:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND CERTIFY THAT THE CHARACTERISTICS OF THE EQUIPMENT OR MATERIAL HE/SHE WILL BE SUBMITTING FOR REVIEW MEETS OR EXCEEDS THE CAPACITY AND DUTY REQUIREMENTS AS SPECIFIED IN ANY OF THE "BASIS OF DESIGN" SPECIFICATION.
2. IF THE EQUIPMENT OR MATERIAL BEING SUBMITTED FOR REVIEW WILL REQUIRE THAT MODIFICATIONS NEED TO BE MADE, TO THE WORK OF THE PROVIDING CONTRACTOR OR THE WORK OF OTHER CONTRACTORS, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO ADVISE/INFORM THE PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS AND POSSIBLE DELAYS AND/OR COSTS AS A PART OF THEIR BID AND CONSTRUCTION SCOPE OF WORK RESPONSIBILITIES.
3. THE SUBMITTING CONTRACTOR WILL BE FULLY RESPONSIBLE TO COORDINATE ALL DEVIATIONS FROM THE "BASIS OF DESIGN" INTENT WITH THE GENERAL CONTRACTOR AND ALL AFFECTED SUB-CONTRACTORS. THE FINAL INSTALLATION SHALL NOT COMPROMISE ANY OF THE "BASIS OF DESIGN" PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE DESIGN LAYOUT LOGISTICAL NECESSITIES.
4. THE FINAL INSTALLATION SHALL ALSO COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS, VA REQUIREMENTS PLUS ALLOW THE EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.
5. ALL MATERIALS OR EQUIPMENT EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTRACTOR PREPARED ITEMIZED LISTING PER SUBSTITUTION WITH A FULL AND DETAILED DESCRIPTION OF ALL SPECIFICATIONS AND KNOWN DEVIATIONS FROM THE ORIGINAL BOD.
6. THE PRIME/GENERAL CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE COR AT THE BEGINNING OF THE PROJECT, ALL SUCH KNOWN DEVIATIONS AND IMPACTS FROM THE SPECIFIC BASIS OF DESIGN SPECIFICATIONS BEFORE STARTING THE PROJECT AND/OR THE SHOP DRAWING SUBMITTALS.
7. IF ANY UNKNOWN DEVIATIONS FROM THE BOD REQUIREMENTS SURFACE DURING THE CONSTRUCTION PHASE, NOTIFY THE COR IMMEDIATELY AND IDENTIFY ALL IMPACTS FOR THE COR'S EVALUATION AND POSSIBLE AUTHORIZATION.

GRAPHIC SYMBOLS



MATERIAL INDICATIONS



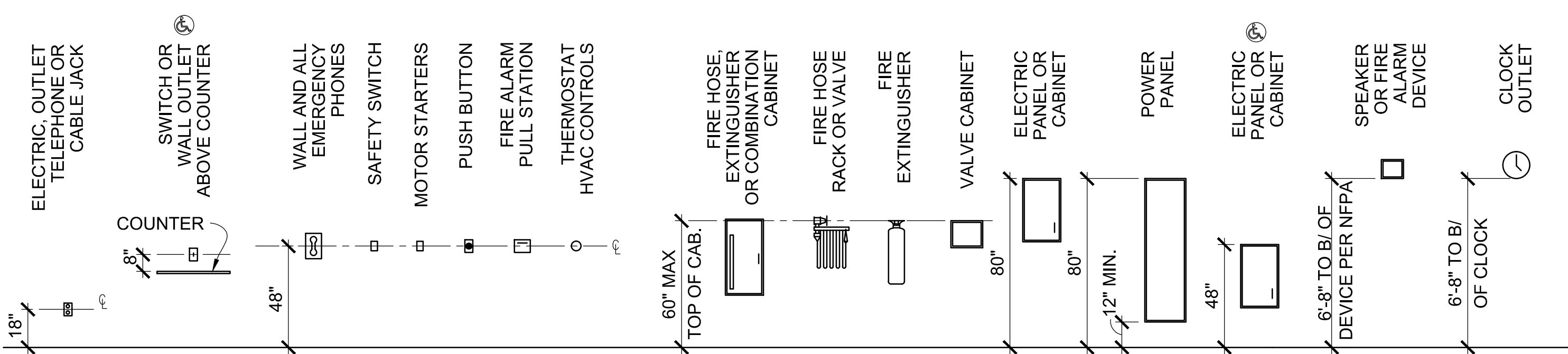
ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	E	EAST	LAM	LAMINATE	R	RADIUS
ADJ	ADJACENT	EA	EACH	LAV	LAVATORY	RB	RESILIENT BASE
AFF	ABOVE FINISHED FLOOR	EJ	EXPANSION JOINT	LED	LIGHT EMITTING DIODE	RCP	REFLECTED CEILING PLAN
AHU	AIR HANDLING UNIT	EL	ELEVATION	LF	LINEAR FEET (FOOT)	REC	RECESSED
ALT	ALTERNATE	ELEC	ELECTRIC	LL	LEAD LINED	RECP	RECEPTACLE
ALUM	ALUMINUM	ELEV	ELEVATOR	LT	LIGHT	REINF	REINFORCED
AMT	AMOUNT	ENCL	ENCLOSURE			REOD	REQUIRED
APPROX	APPROXIMATE	EQ	EQUIPMENT	MATL	MATERIAL	RM	ROOM
AUTO	AUTOMATIC	EQU	ELECTRIC WATER COOLER	MAX	MAXIMUM	RO	ROUGH OPENING
AUX	AUXILIARY	EW	EXIST	MECH	MECHANICAL		
AV	AUDIO VISUAL	EXH	EXHAUST	MIN	MINIMUM	S	SOUTH
AVG	AVERAGE	EXIST	EXISTING	MISC	MISCELLANEOUS	SAN	SANITARY
		EXP	EXPOSED	MLWK	MILLWORK	SCHED	SCHEDULE
		EXT	EXTERIOR	MO	MASONRY OPENING	SF	SQUARE FOOT (FEET)
BAT	BATTEN	FA	FIRE ALARM	MR	MOISTURE RESISTANT	SHT	SHEET
BD	BOARD	FD	FLOOR DRAIN	MTD	MOUNTED	SIM	SIMILAR
BLDG	BUILDING	FDN	FOUNDATION	MTG	MOUNTING	SPEC	SPECIFICATION
BLK	BLOCKING	FE	FIRE EXTINGUISHER	NTL	METAL	SPKLR	SPRINKLER
BM	BEAM	FF&E	FIRE EXTINGUISHER CABINET			SPKR	SPEAKER
BO	BY OWNER	FHC	FURNITURE, FIXTURE, AND EQUIPMENT	N	NORTH	SQ	SQUARE
		FIG	FIGURE	N/A	NOT APPLICABLE	SS	STAINLESS STEEL
CEM	CEMENT	FIN	FINISH	NAT	NATURAL	STD	STANDARD
CJ	CONTROL JOINT	FIXT	FIXTURE	NIC	NOT IN CONTRACT	STOR	STORAGE
CL	CENTER LINE	FL	FLOOR	NO	NUMBER	SUSP	SUSPEND
CLG	CEILING	FO	FACE OF	NTS	NOT TO SCALE	SV	SHEET VINYL
CLR	CLEAR	FP	FIRE PROTECTION OR FIREPROOF			T&G	TONGUE AND GROOVE
CMU	CONCRETE MASONRY UNIT	FT	FOOT	OA	OVERALL	TEMP	TEMPERED
COL	COLUMN	FTG	FOOTING	OC	ON CENTER	TERR	TERRAZZO
CONC	CONCRETE			OH	OPPOSITE HAND	THK	THICK
CONT	CONTINUOUS	GC	GENERAL CONTRACTOR	OPNG	OPENING	TO	TOP OF
COORD	COORDINATE	GL	GLASS	OPT	OPTIONAL	TSTAT	THERMOSTAT
CORR	CORRIDOR	GYP BD	GYP BOARD			TYP	TYPICAL
CPT	CARPET			PAT	PATTERN	UNO	UNLESS NOTED OTHERWISE
CTR	CERAMIC TILE	HAZ MAT	HAZARDOUS MATERIALS	PL	PLATE		
CTRL	CENTER CONTROL	HDW	HARDWARE	PLAM	PLASTIC LAMINATE	VAR	VARIES
		HM	HOLLOW METAL	PLAS	PLASTER OR PLASTIC	VCT	VINYL COMPOSITION TILE
DAT	DATUM	HT	HEIGHT	PR	PAIR	VENT	VENTILATION
DBL	DOUBLE			PREP	PREPARED	VIF	VERIFY IN FIELD
DEG	DEGREE	INCL	INCLUDED	PROVIDE	FURNISH AND INSTALL	VOL	VOLUME
DEMO	DEMOLITION	INSUL	INSULATION	PT	PAINT	WVC	VINYL WALL COVERING
DEPT	DEPARTMENT	INT	INTERIOR	PTME	PAINT TO MATCH EXISTING	W	WEST
DF	DRINKING FOUNTAIN	JAN	JANITOR	PTN	PARTITION	W/O	WITHOUT
DIA	DIAMETER	JST	JOIST	PWR	POWER	WC	WALL COVERING
DIM	DIMENSION	JT	JOINT			WD	WOOD
DN	DOWN	J-BOX	JUNCTION BOX			WWF	WELDED WIRE FABRIC
DR	DOOR						
DTL	DETAIL						
DWG	DRAWING						

MOUNTING DIMENSIONS

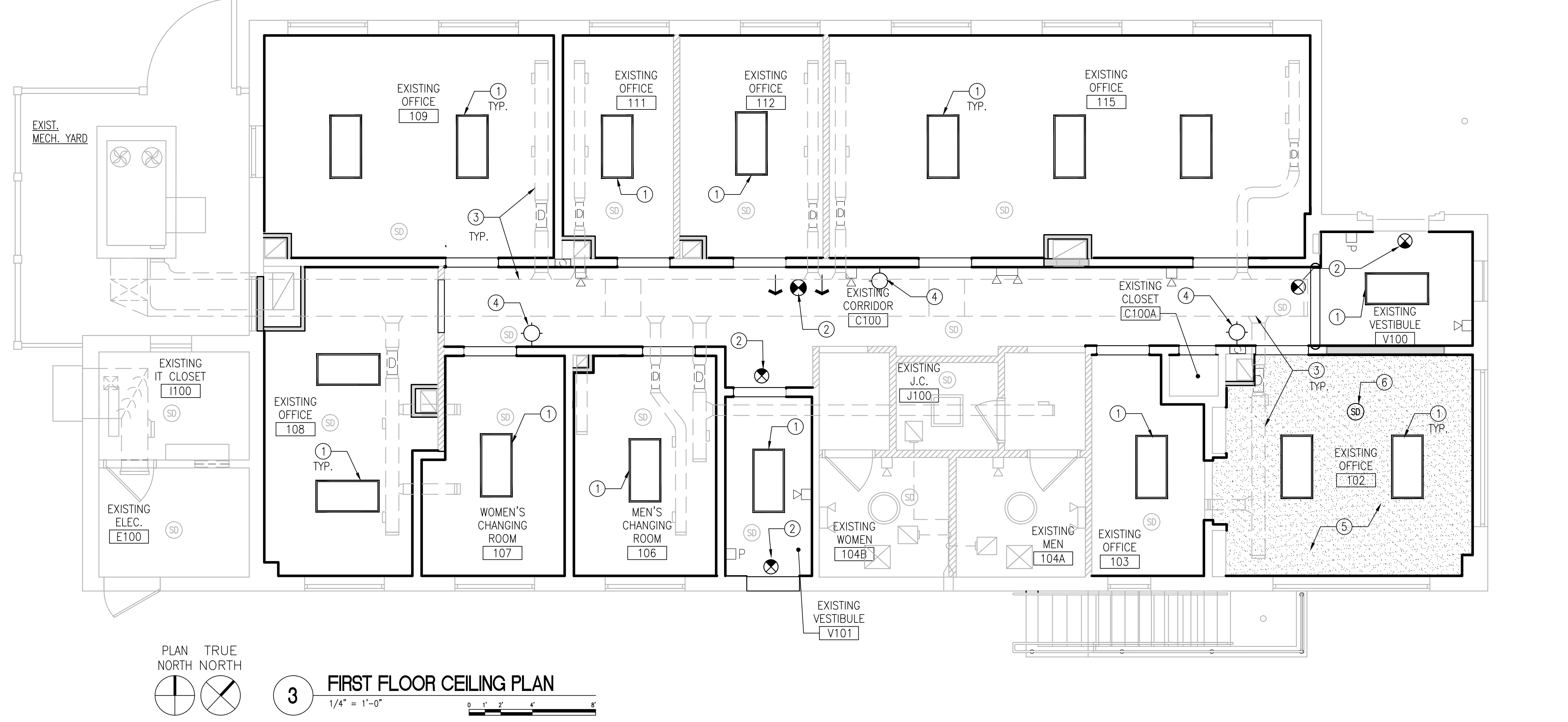
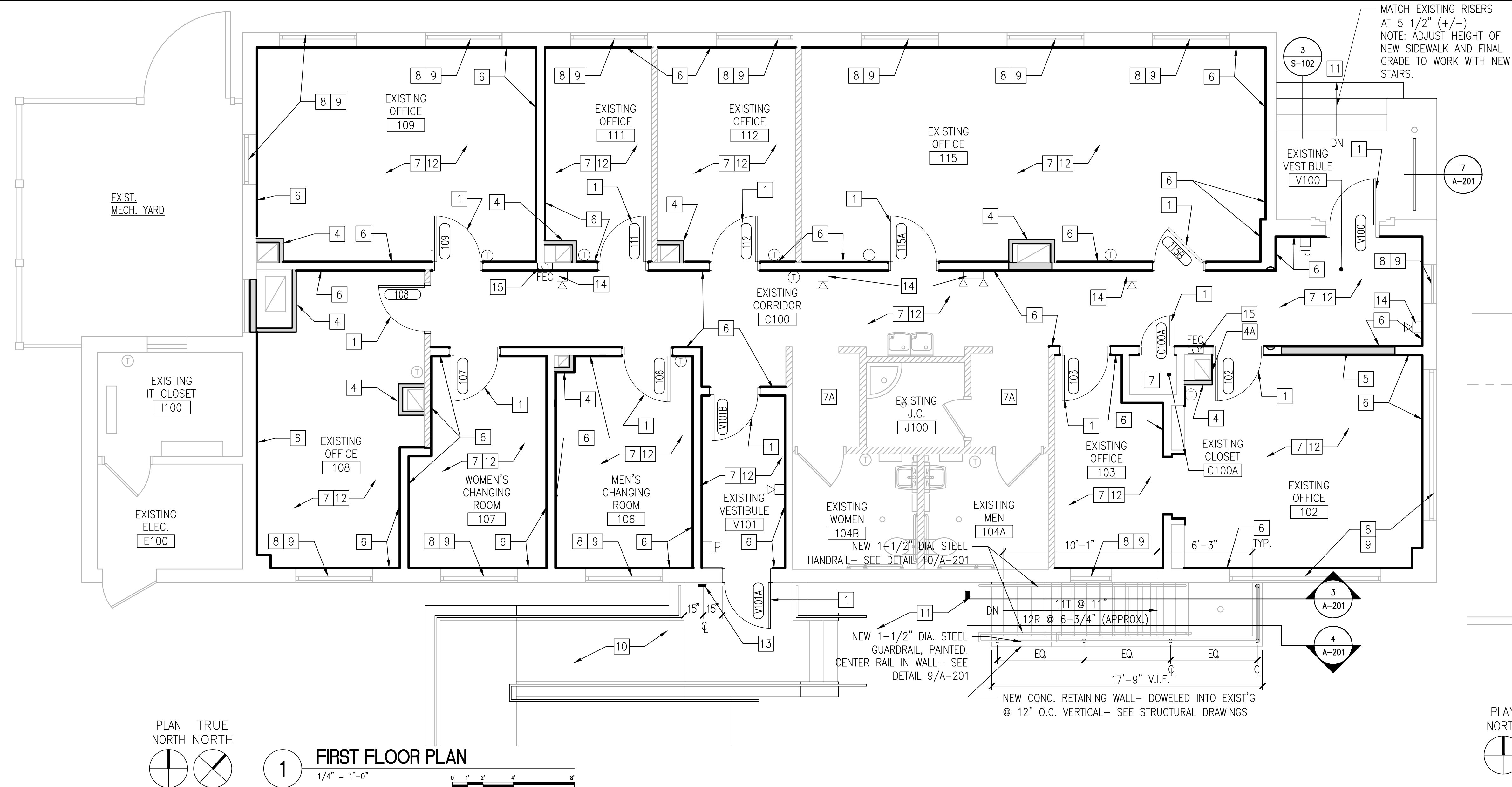
(NOTE: THIS IS A "UNIVERSAL SHEET", ITEMS SHOWN MAY NOT ALL BE APPLICABLE TO THIS PROJECT)

- NOTES:
1. MOUNTING DIMENSIONS SHOW ACCESSIBLE AND NON-ACCESSIBLE CONDITIONS. WHEN ONLY ONE OPTION IS SHOWN - ALL ITEMS IN PROJECT SHALL BE ACCESSIBLE. WHEN ITEMS CAN BE ACCESSIBLE OR NON ACCESSIBLE DRAWINGS SHALL INDICATE LOCATION OF ACCESSIBLE ITEMS BY THIS SYMBOL:
 2. COORDINATE ITEMS SHOWN ON THIS DRAWING WITH PLANS AND SPECIFICATIONS FOR ACTUAL ITEMS USED ON THIS PROJECT. EVERY ITEM SHOWN ON THIS DRAWING MAY NOT BE USED ON THIS PROJECT.

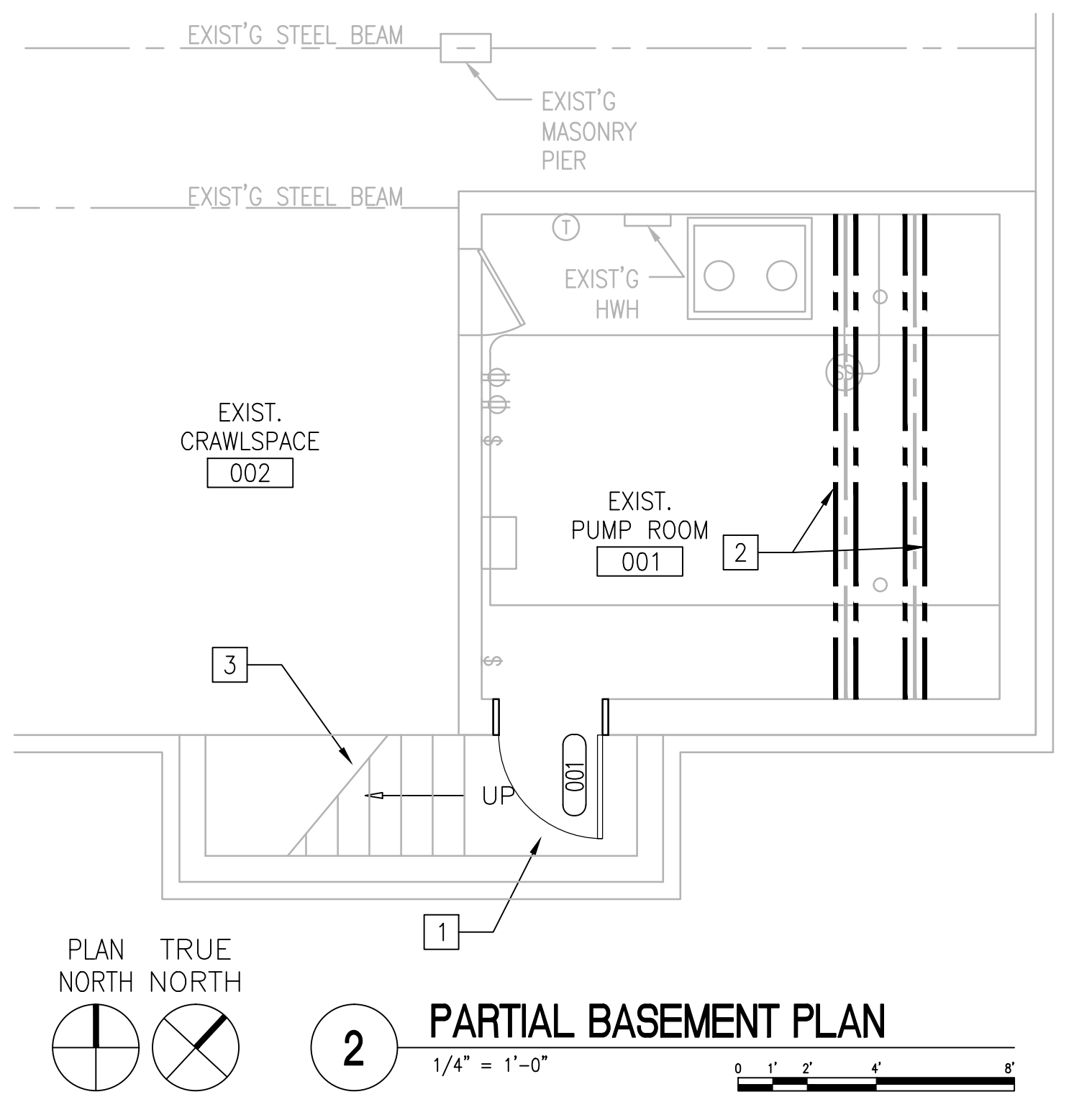


<p>ISSUED FOR SOLICITATION 08/04/2016</p> <p>ISSUED FOR BIDS 12/03/2015</p> <p>Revisions: _____</p>		<p>SITE PLAN:</p>		<p>ENGINEERS + CONSULTANTS:</p>		<p>ARCHITECT + ENGINEERS:</p> <p>700 Nicholas Blvd., Suite 403 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com Bancroft-AE Project No. 13-105-08</p>		<p>Drawing Title GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS</p> <p>Approved: Project Director</p>		<p>Project Title INTERIOR ARCHITECTURAL CONSTRUCTION AT BUILDING 5</p> <p>Location CHICAGO, IL</p> <p>Date 12/03/2015</p> <p>Checked EM</p> <p>Drawn CM</p>		<p>Project Number #537-13-122</p> <p>Building Number 5</p> <p>Drawing Number G-001</p>		<p>IDIO NO. VA69D-13-D-0042 CONTRACT NO. VA69D-14-J-3280</p> <p>Office of Construction and Facilities Management</p>	
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one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot
four inches = one foot
five inches = one foot
six inches = one foot
seven inches = one foot
eight inches = one foot
nine inches = one foot
ten inches = one foot
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twelve inches = one foot
thirteen inches = one foot
fourteen inches = one foot
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sixty nine inches = one foot
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seventy one inches = one foot
seventy two inches = one foot
seventy three inches = one foot
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seventy nine inches = one foot
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eighty one inches = one foot
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eighty four inches = one foot
eighty five inches = one foot
eighty six inches = one foot
eighty seven inches = one foot
eighty eight inches = one foot
eighty nine inches = one foot
ninety inches = one foot
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ninety two inches = one foot
ninety three inches = one foot
ninety four inches = one foot
ninety five inches = one foot
ninety six inches = one foot
ninety seven inches = one foot
ninety eight inches = one foot
ninety nine inches = one foot
one hundred inches = one foot



- ### TEST AND BALANCE
1. PROVIDE A COMPLETE TEST AND BALANCE OF THE EXISTING HVAC SYSTEM(S) AND EQUIPMENT.
 2. THE COMPLETED BALANCING OF THE SYSTEM(S) SHALL BE ADJUSTED TO WITHIN 5%-10% OF THE ORIGINAL DESIGN CONDITIONS AS REFERENCED ON THE VA PROVIDED AS-BUILT DRAWINGS AND/OR T&B REPORT.
 3. WHEN COMPLETED PROVIDE THE VA WITH AN AS-BUILT TEST AND BALANCE REPORT.
 4. THE T&B CONTRACTOR SHALL BE A REGISTERED AND CERTIFIED COMPANY/ORGANIZATION EXPERIENCED IN PERFORMING THIS WORK.
 5. T&B CONTRACTOR IS SUBJECT TO COR APPROVAL.



- ### PLAN LEGEND
- EXISTING PLASTER WALL CONSTRUCTION TO REMAIN
 - EXISTING GYPSUM BOARD WALL CONSTRUCTION TO REMAIN
 - NEW WALL AND/OR NEW LAMINATED GYP. OVER EXISTING WALL
 - EXISTING DOOR TO REMAIN
 - NEW DOOR
 - EXISTING PLASTER CEILING TO REMAIN
 - NEW GYPSUM BOARD CEILING
 - NEW SURFACE MOUNTED LIGHT FIXTURE
 - NEW EXIT SIGN
 - EXISTING EMERGENCY LIGHT, RELOCATED
 - EXISTING FIRE ALARM PULL STATION, RELOCATED
 - EXISTING SMOKE DETECTOR TO REMAIN
 - EXISTING FIRE ALARM HORN/ STROBE LIGHT, RELOCATED
 - EXISTING NURSE CALL LIGHT, RELOCATED
 - EXISTING THERMOSTAT, RELOCATED

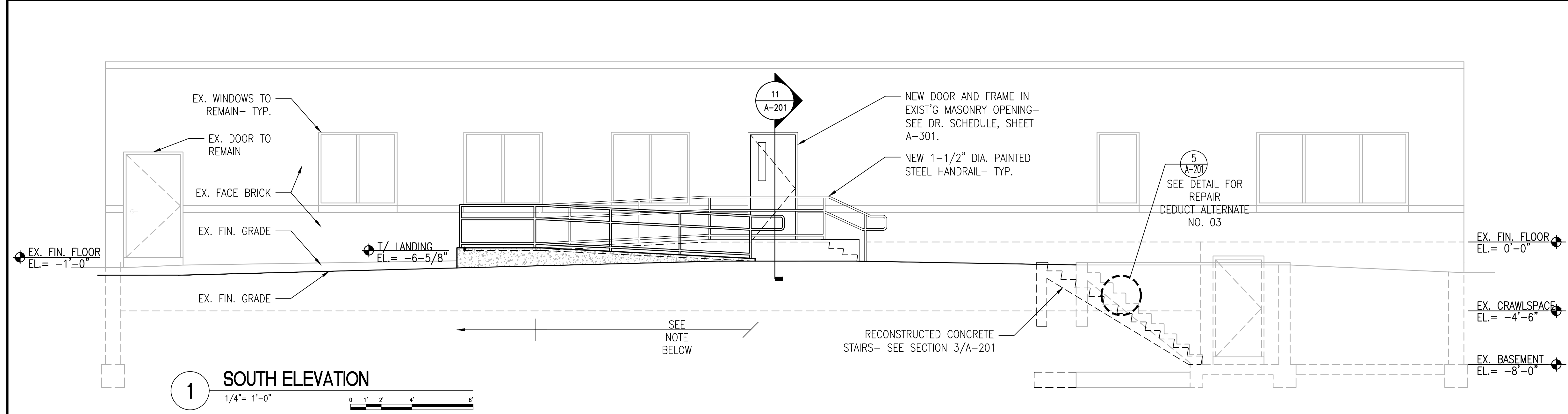
- ### GENERAL NOTES
1. REFER TO SHEET A-301 ROOM FINISH SCHEDULE FOR ALL NEW INTERIOR FINISHES.
 2. REFER TO SHEETS AS-101 AND A-201 FOR ALL EXTERIOR WORK.
 3. EXISTING CEILING HEIGHTS SHALL REMAIN, UNLESS NOTED OTHERWISE.
 4. REFER TO ELECTRICAL DRAWINGS FOR ALL NEW LIGHT FIXTURE LOCATIONS AND TYPES.
 5. REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF CEILING MOUNTED SPEAKERS, EXIT SIGNS, EMERGENCY LIGHTING, SMOKE AND HEAT DETECTORS. COORDINATE IN FIELD WITH THE COR FOR FINAL LOCATIONS OF EXIT SIGNS.
 6. EXISTING MECHANICAL DUCTWORK, GRILLES, BOXES, ETC. SHALL REMAIN.
 7. EXISTING EXPOSED ELECTRICAL CONDUIT SYSTEMS ARE NOT IDENTIFIED IN THESE DRAWINGS. REFER TO ELECTRICAL DRAWINGS FOR SCOPE OF WORK RELATED TO THESE SURFACE MOUNTED CONDUIT INSTALLATIONS.
 8. REFER TO SHEET A-401 FOR ALTERNATES.
 9. WHERE DUCTWORK, CONDUIT OR OTHER ELEMENTS ARE IN WALLS THAT ARE TO BE REMOVED, THESE ITEMS SHALL BE SUPPORTED WITH HANGERS AS REQUIRED.

- ### PLAN KEY NOTES
- 1 NEW DOOR, FRAME AND HARDWARE. SEE DOOR AND FRAME SCHEDULE, SHEET A-301.
 - 2 PROVIDE AND INSTALL TWO (2) NEW 2 X 10 WOOD SISTER JOISTS, USING STRUCTURAL GLUE AND SCREWED TO EACH SIDE OF EXISTING DAMAGED JOISTS. REMOVE EXISTING SHORING PIPES AT COMPLETION OF WORK.
 - 3 SEE SHEET AS-101 FOR SCOPE OF STAIR REPAIRS AND ALTERNATE.
 - 4 NEW 5/8" GYP. BD. OVER 2-1/2" METAL STUDS FURRED AROUND EXISTING MECH. RETURN DUCTS. FRAME AS CLOSE TO DUCTWORK AS POSSIBLE. TRIM OUT OPENING OF RETURN GRILLE AND PROVIDE CLEAN FINISH.
 - 4A NEW 5/8" GYP. BD. - SPAN LENGTH OF DUCT ON ONE SIDE FROM EXISTING WALL TO NEW FURRED PARTITION ON OPPOSITE SIDE.
 - 5 INFILL OPENING WITH GYP. BD. OVER METAL STUDS @ 16" O.C., WITH 3" BATT INSULATION. MAKE WALL FLUSH W/ EXISTING WALL CONSTRUCTION. TAPE, SAND AND FINISH WALL.
 - 6 LAMINATE, SCREW AND FASTEN 5/8" GYP. BD. OVER EXISTING PLASTER WALLS. LAMINATE W/ DRYWALL ADHESIVE. AT CEILING EDGES, INSTALL TEAR AWAY BEAD, TAPE AND FINISH. ALL WALLS SHALL BE SANDED, TAPED, AND FINISHED. SEE ROOM FINISH SCHEDULE FOR FINISH. PROVIDE WOOD FURRING TO SUPPORT THE INSTALLATION AT LOCATIONS WHERE THE PLASTER IS MISSING IN THE WALL FACE AND AT THE WALL BASE WHERE SUPPORT IS FULLY MAINTAINED. FURR AT A MINIMUM OF 16" O.C., TYP.
 - 7 EXISTING EXPOSED WOOD FLOOR DECK CONSTRUCTION: NEW FLOOR FINISH OVER LATEX UNDERLAYMENT SKIM COAT OVER 3/4" T&G PLYWOOD SHEATHING (SCREWED & GLUED @ 8" O.C.) OVER SELF LEVELING FLOOR COMPOUND (TO FILL DIPS AND VOIDS) OVER BUILDING FELT OVER EXISTING WOOD PLANK SUBFLOOR.
 - 7A EXISTING PLYWOOD SUBFLOOR TO TO BE LEVELLED AS REQUIRED WITH SELF LEVELING FLOOR COMPOUND SO THAT NEW FLOOR FINISHES WILL HAVE A SMOOTH AND LEVEL TRANSITION BETWEEN THE EXISTING TOILET ROOM AND JANITOR CLOSET FINISH FLOORS AND THE CORRIDOR.
 - 8 REFER TO SHEET A-301 FOR CONSTRUCTION DETAILS AT ALL EXISTING WINDOW UNITS. REFER TO SPECIFICATIONS FOR COMPLETE INFORMATION.
 - 9 FURNISH AND INSTALL WINDOW TREATMENTS AT ALL EXISTING WINDOW UNITS. REFER TO SPECIFICATIONS FOR COMPLETE INFORMATION.
 - 10 SEE SHEET AS-101 AND STRUCTURAL DRAWINGS FOR CONCRETE RAMP PLAN AND DETAILS.
 - 11 SEE SHEET AS-101 AND STRUCTURAL DRAWINGS FOR NEW CONCRETE SIDEWALK LAYOUT AND CONSTRUCTION.
 - 12 PAINT ALL EXPOSED ELEMENTS (DUCTS, DUCT INSULATION, CONDUITS, PIPES, HANGERS, ETC.) REPLACE/ REPAIR EXISTING DUCT INSULATION THAT IS TORN, RIPPED OR DAMAGED PRIOR TO PAINTING.
 - 13 PUSH PLATE FOR DOOR OPERATOR. REFER TO ELECTRICAL DRAWINGS.
 - 14 RESINSTALLED LIFE SAFETY DEVICE. COORDINATE W/ ELECTRICAL.
 - 15 NEW FULLY RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. SEE DETAIL 10/A-301.

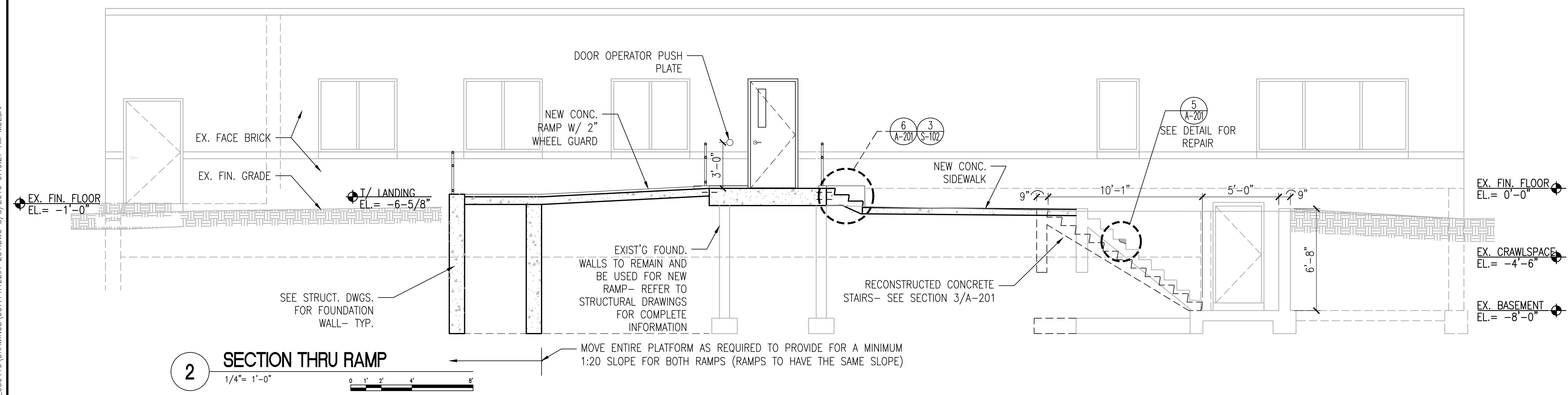
- ### CEILING PLAN KEY NOTES
- 1 NEW 2 X 4 LED SURFACE MOUNTED LIGHT FIXTURE.
 - 2 NEW CEILING AND/OR WALL MOUNTED EXIT SIGN.
 - 3 DASHED LINES INDICATE EXISTING MECHANICAL LINED DUCTWORK MOUNTED BELOW FINISH CEILING. DUCTWORK TO REMAIN.
 - 4 NEW WALL MOUNTED LIGHT FIXTURE.
 - 5 PROVIDE NEW 5/8" GYPSUM BOARD CEILING, ATTACHED TO BOTTOM OF EXISTING ROOF JOISTS. PROVIDE FURRING AS REQUIRED FOR LEVELING.
 - 6 RELOCATED SMOKE DETECTOR.

SITE PLAN: 	ENGINEERS + CONSULTANTS: 	ARCHITECT + ENGINEERS: BANCROFT ARCHITECTS + ENGINEERS 700 Nicholas Blvd., Suite 403 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com Bancroft-AE Project No. 13-105-08	Drawing Title FIRST FLOOR PLAN / PARTIAL BASEMENT PLAN AND FIRST FLOOR REFLECTED CEILING PLAN Approved Project Director	Project Title INTERIOR ARCHITECTURAL CONSTRUCTION AT BUILDING 5 Location CHICAGO, IL Date 12/03/2015 Checked RR Drawn JVJ	Project Number #537-13-122 Building Number 5 Drawing Number A-101	Office of Construction and Facilities Management
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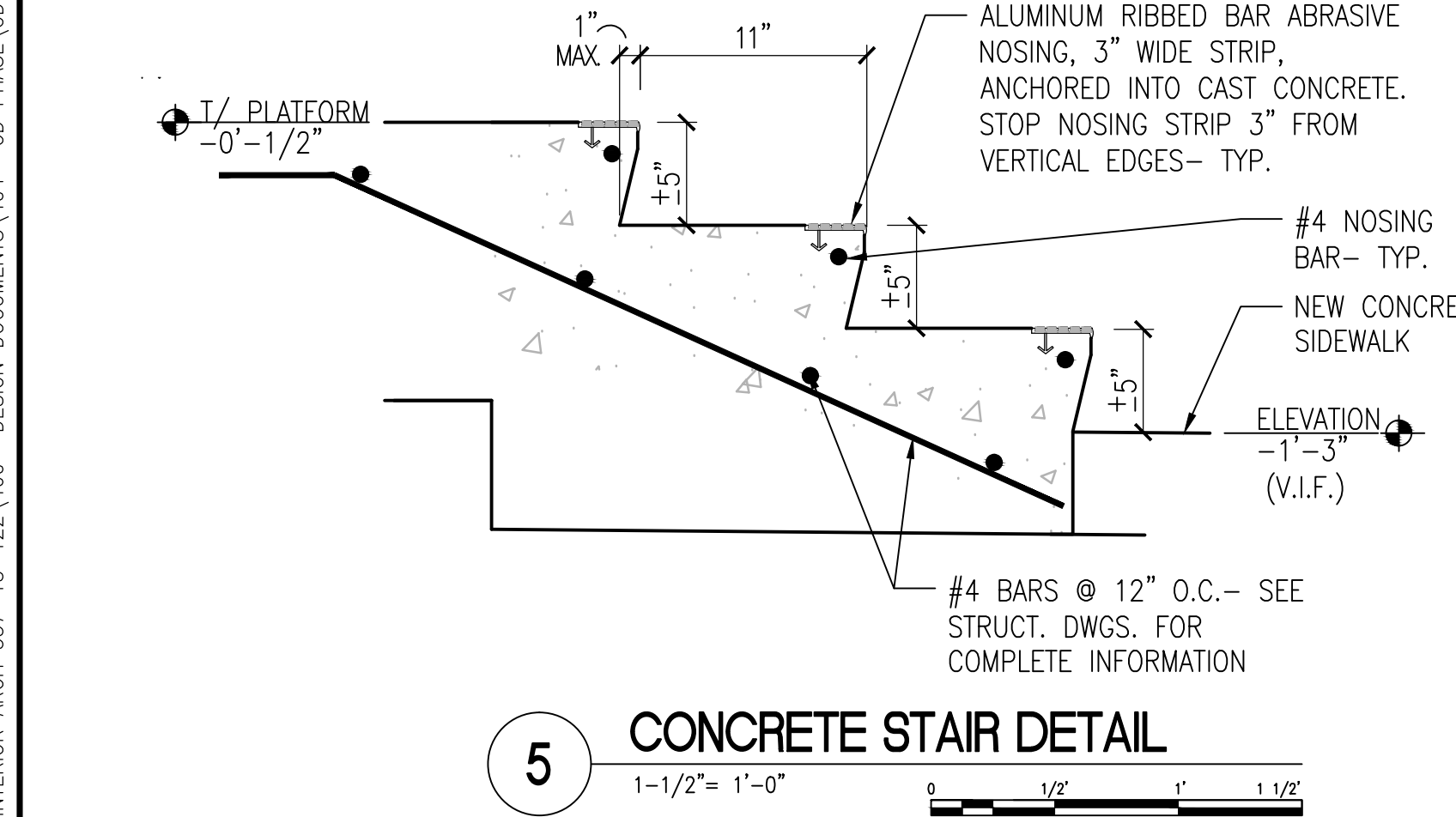
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



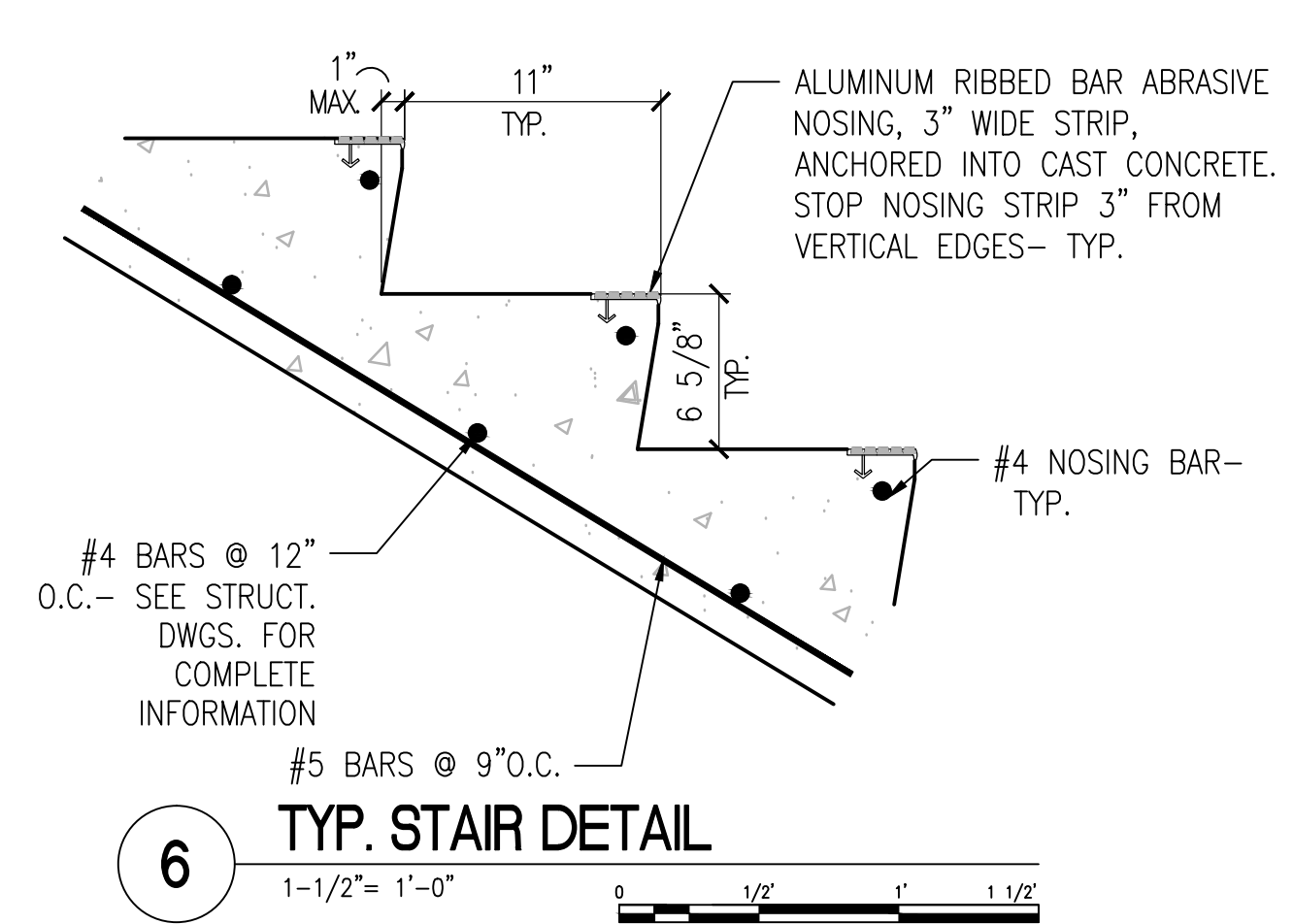
1 SOUTH ELEVATION
1/4" = 1'-0"



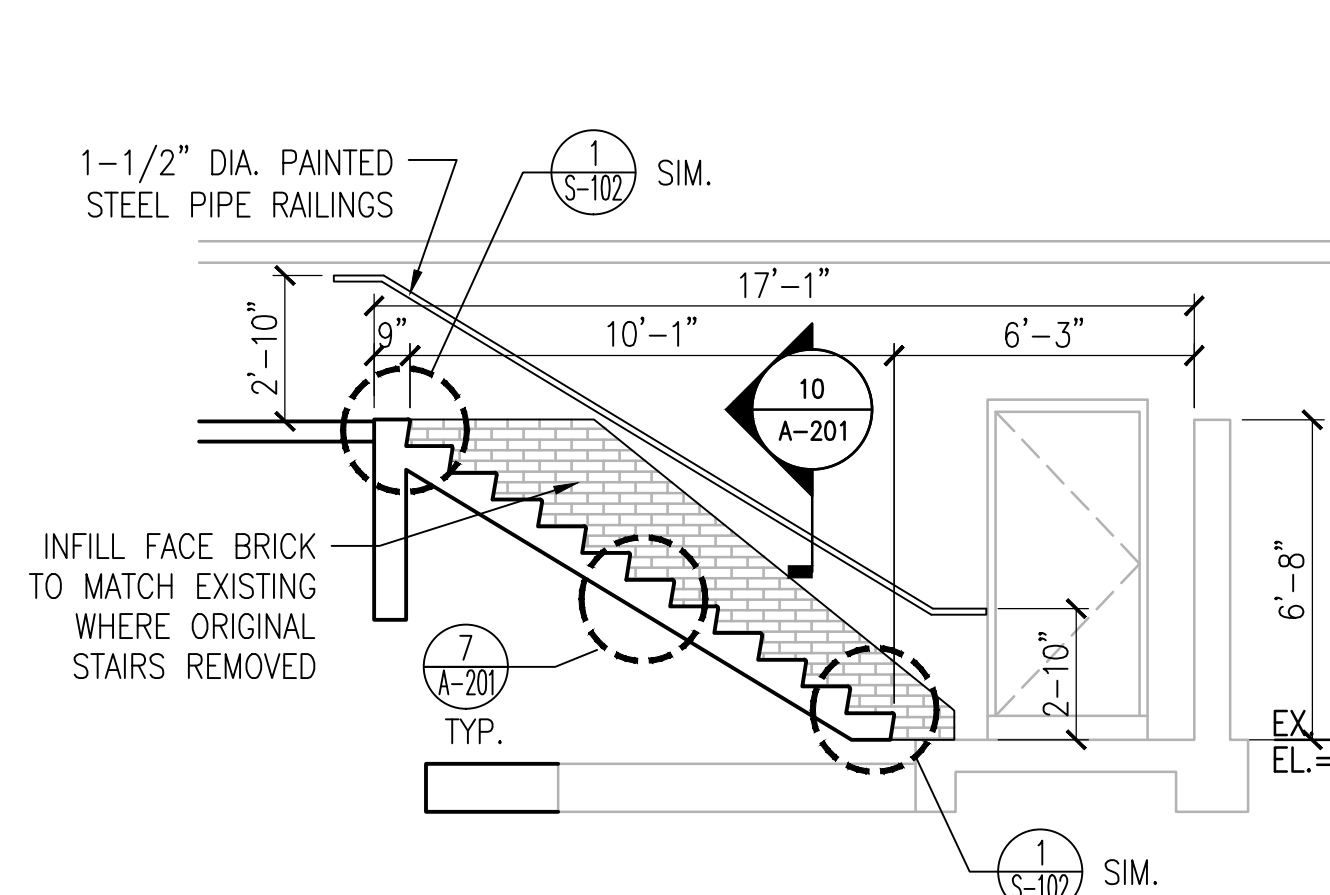
2 SECTION THRU RAMP
1/4" = 1'-0"



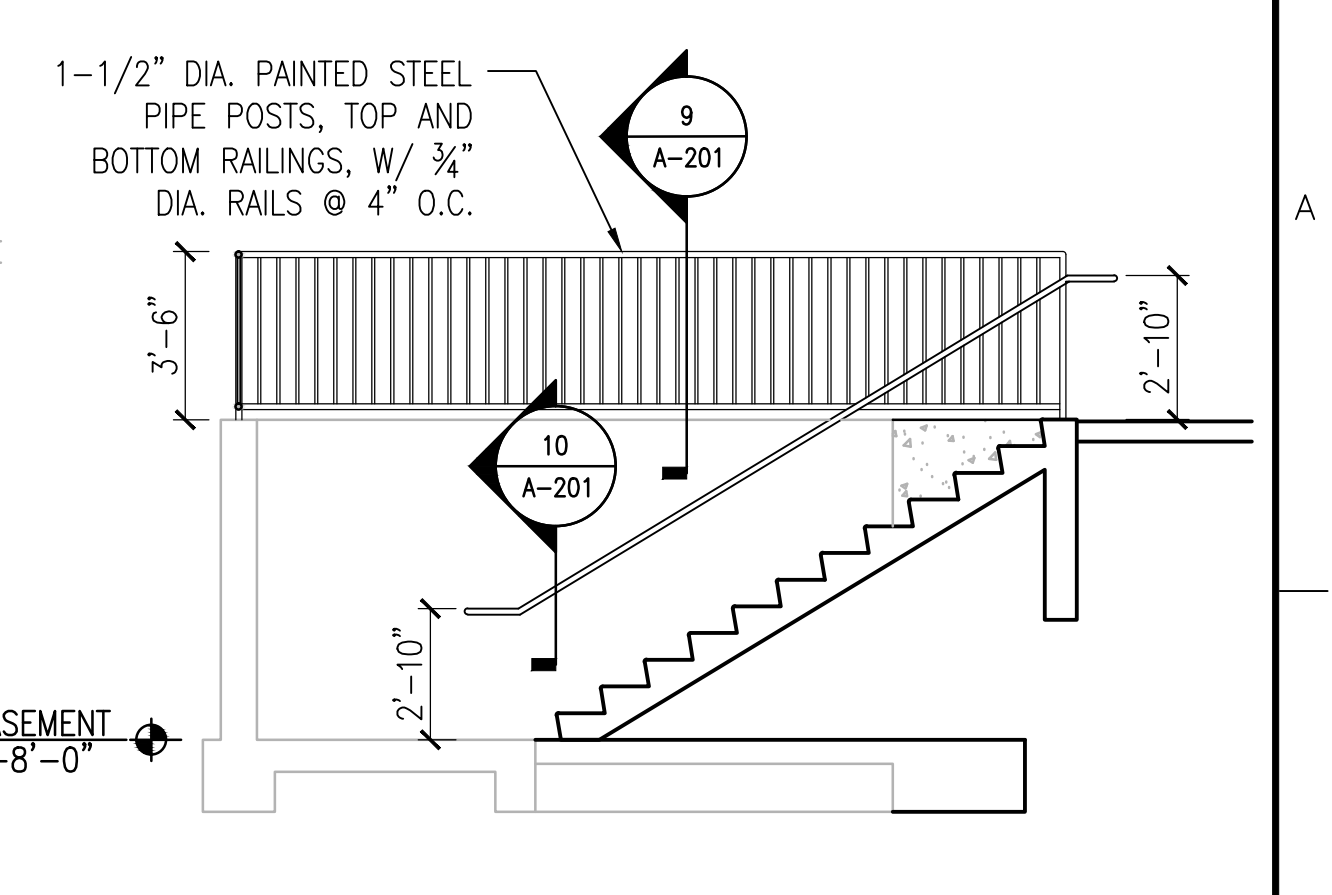
5 CONCRETE STAIR DETAIL
1-1/2" = 1'-0"



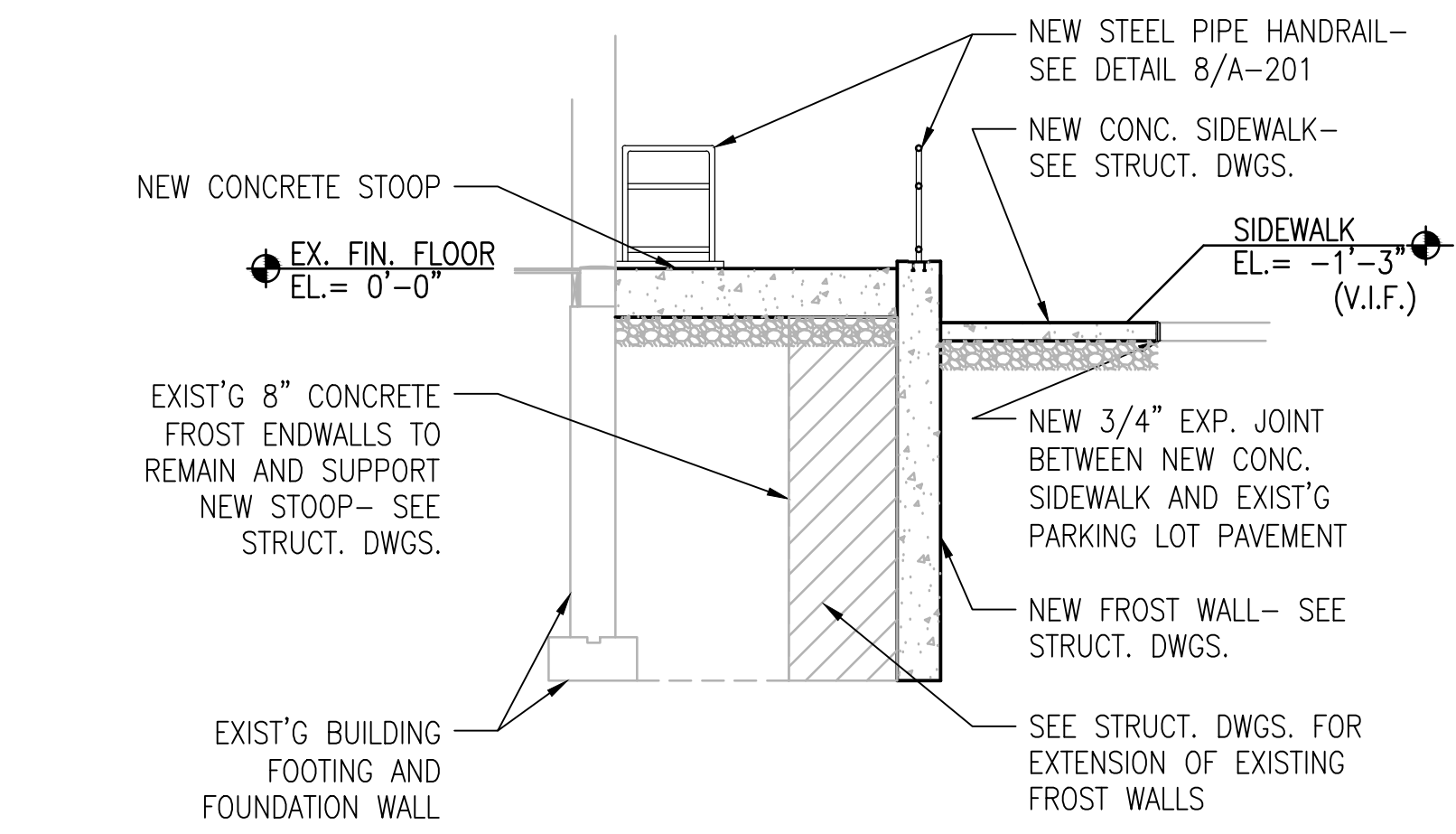
6 TYP. STAIR DETAIL
1-1/2" = 1'-0"



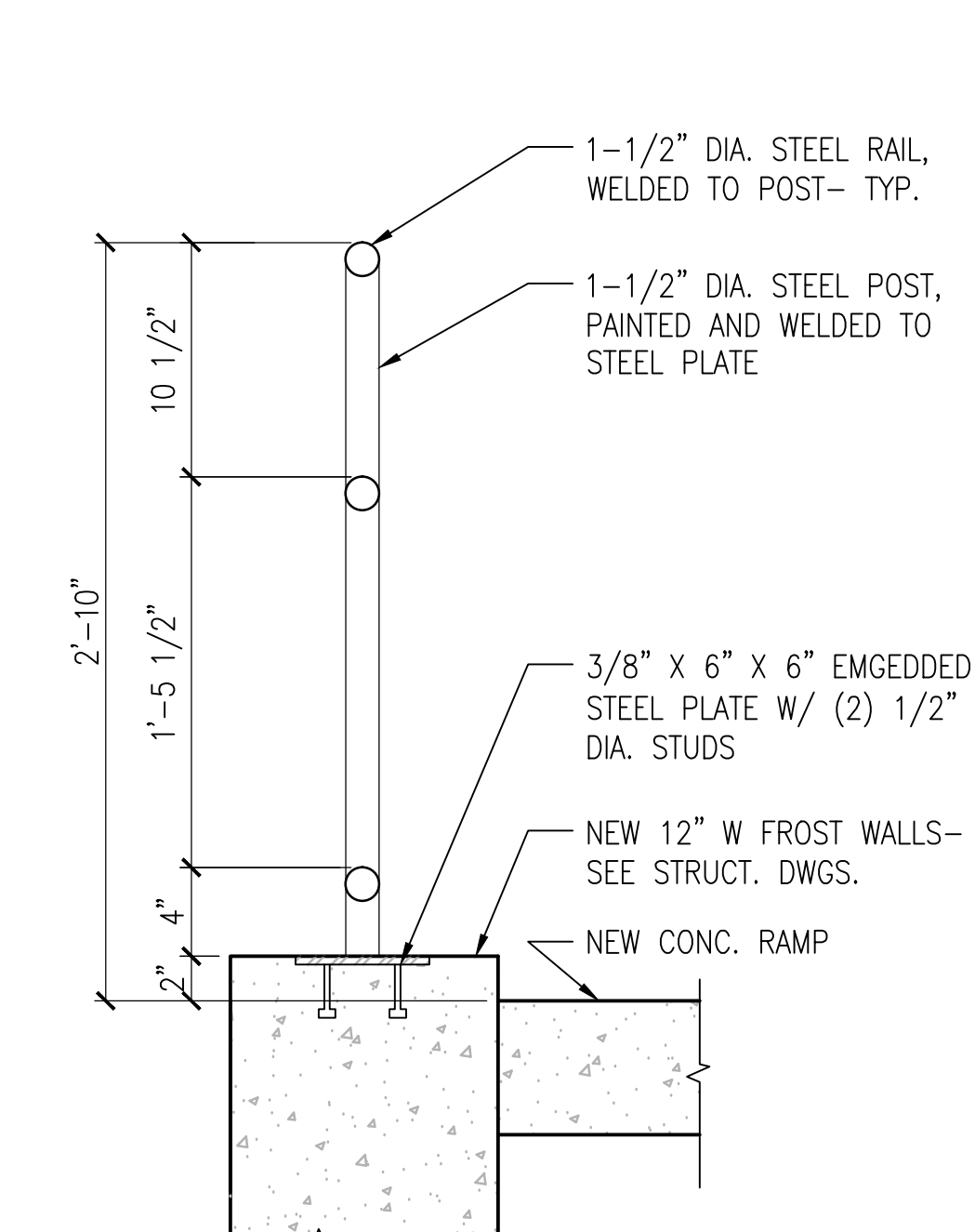
3 STAIR SECTION
1/4" = 1'-0"



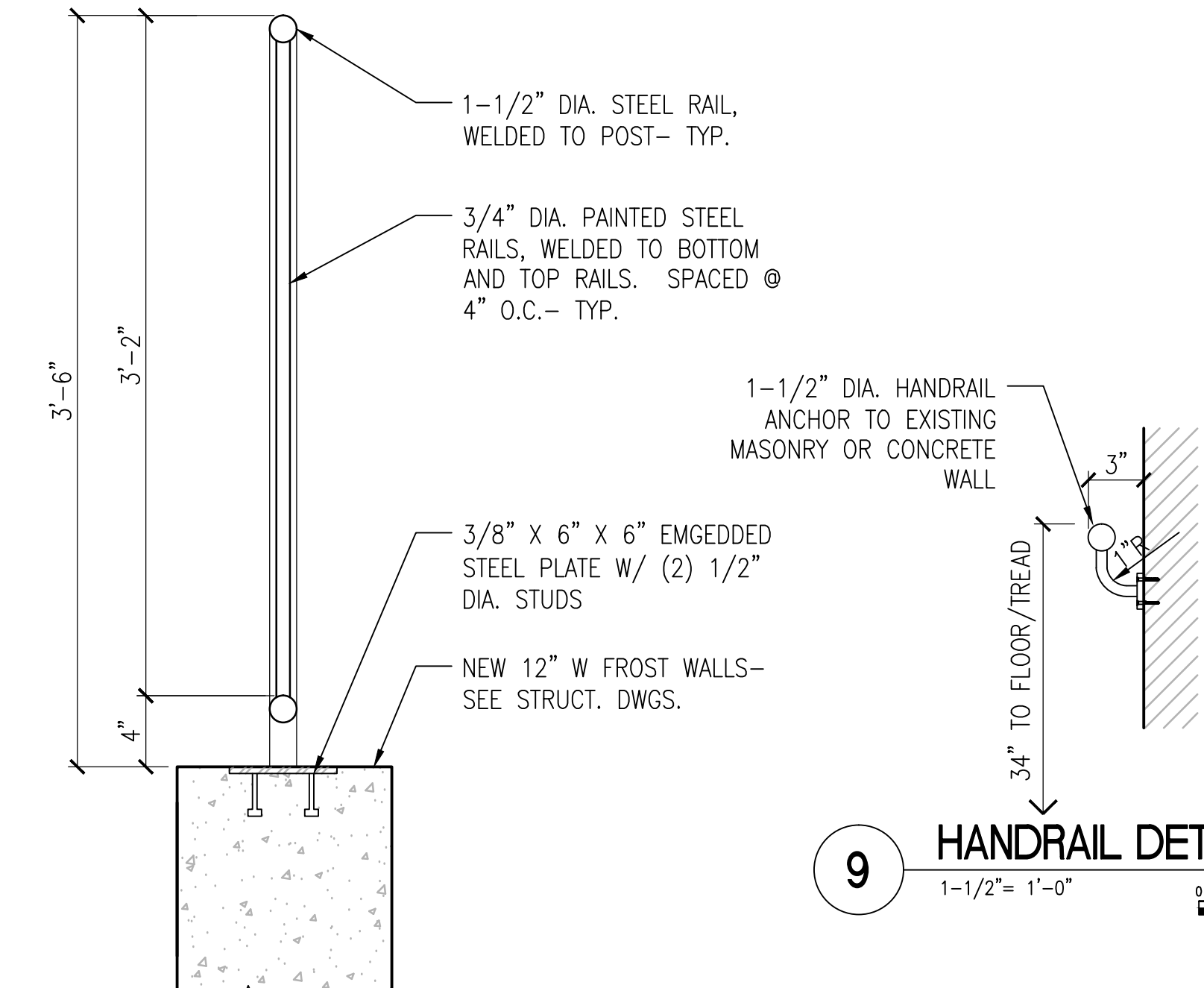
4 STAIR SECTION
1/4" = 1'-0"



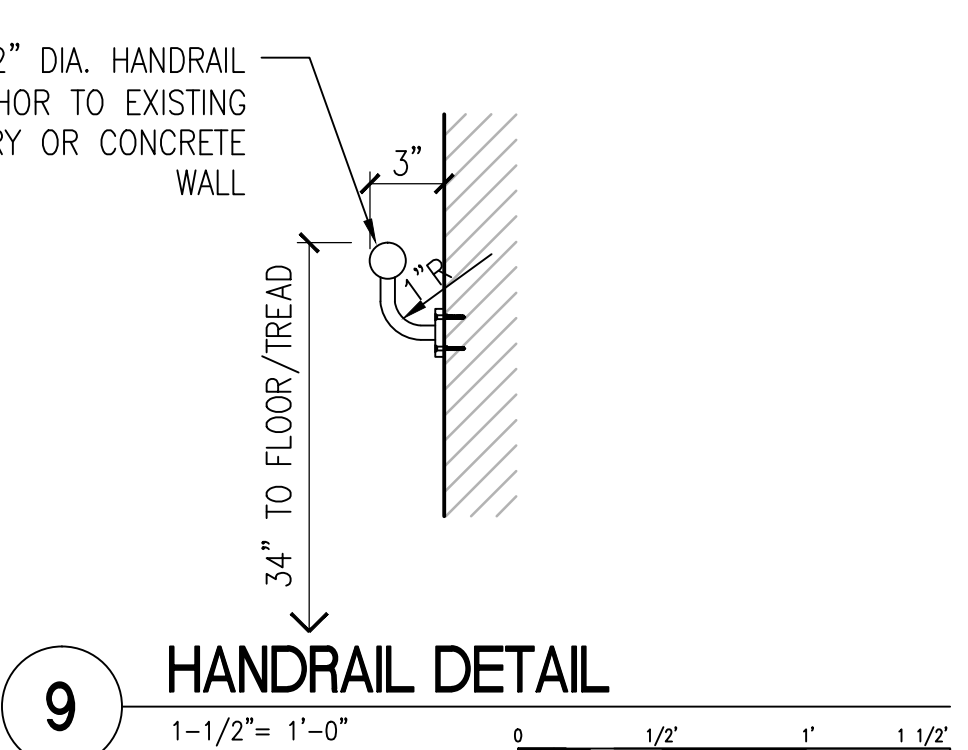
10 STOOP DETAIL
1/4" = 1'-0"



7 HANDRAIL DETAIL
1-1/2" = 1'-0"

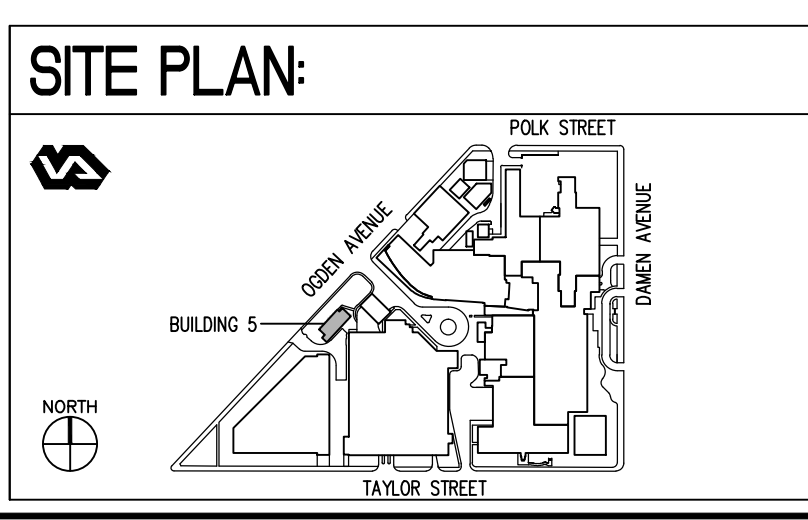


8 GUARDRAIL DETAIL
1-1/2" = 1'-0"



9 HANDRAIL DETAIL
1-1/2" = 1'-0"

ISSUED FOR SOLICITATION	08/04/2016
ISSUED FOR BIDS	12/03/2015
Revisions:	Date



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www.bancroft-ae.com
Bancroft-AE Project No. 13-105-08

Drawing Title
ELEVATION, SECTIONS AND DETAILS
Approved Project Director

Project Title
INTERIOR ARCHITECTURAL
CONSTRUCTION AT BUILDING 5
Location
CHICAGO, IL
Date
12/03/2015
Checked
RR
Drawn
JVJ

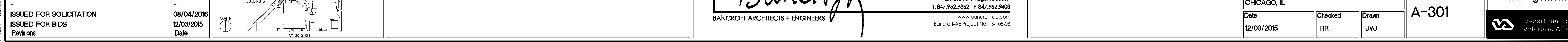
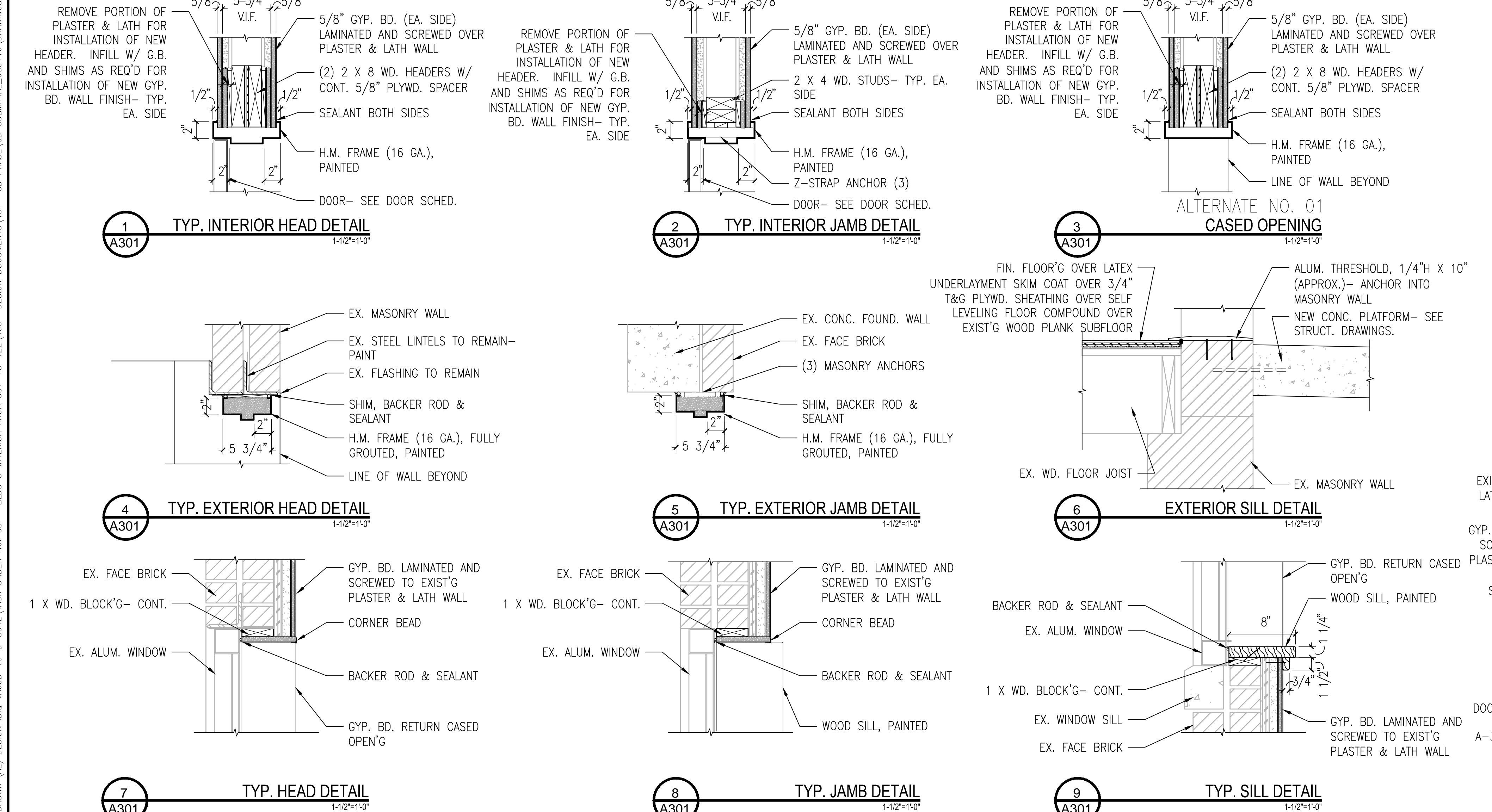
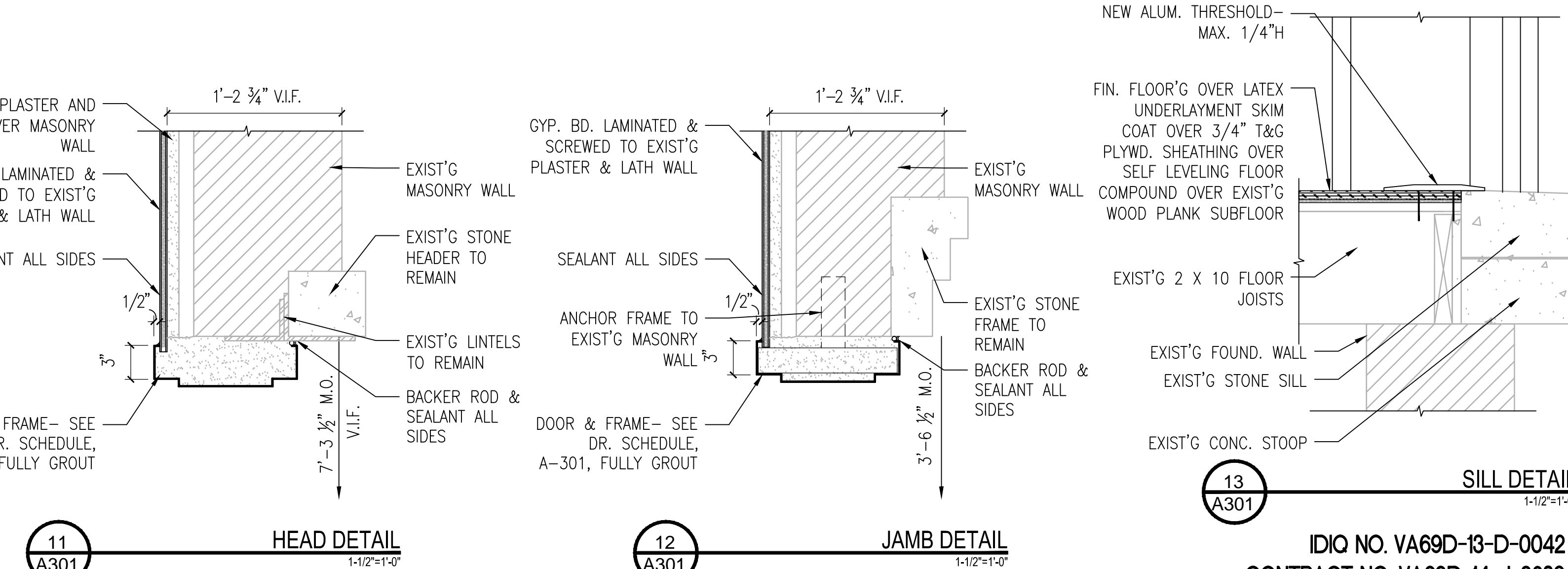
Project Number
#537-13-122
Building Number
5
Drawing Number
A-201

Office of
Construction
and Facilities
Management
Department of
Veterans Affairs

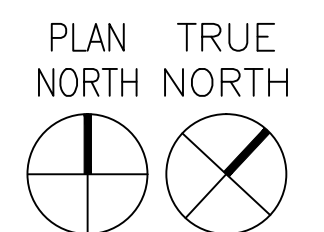
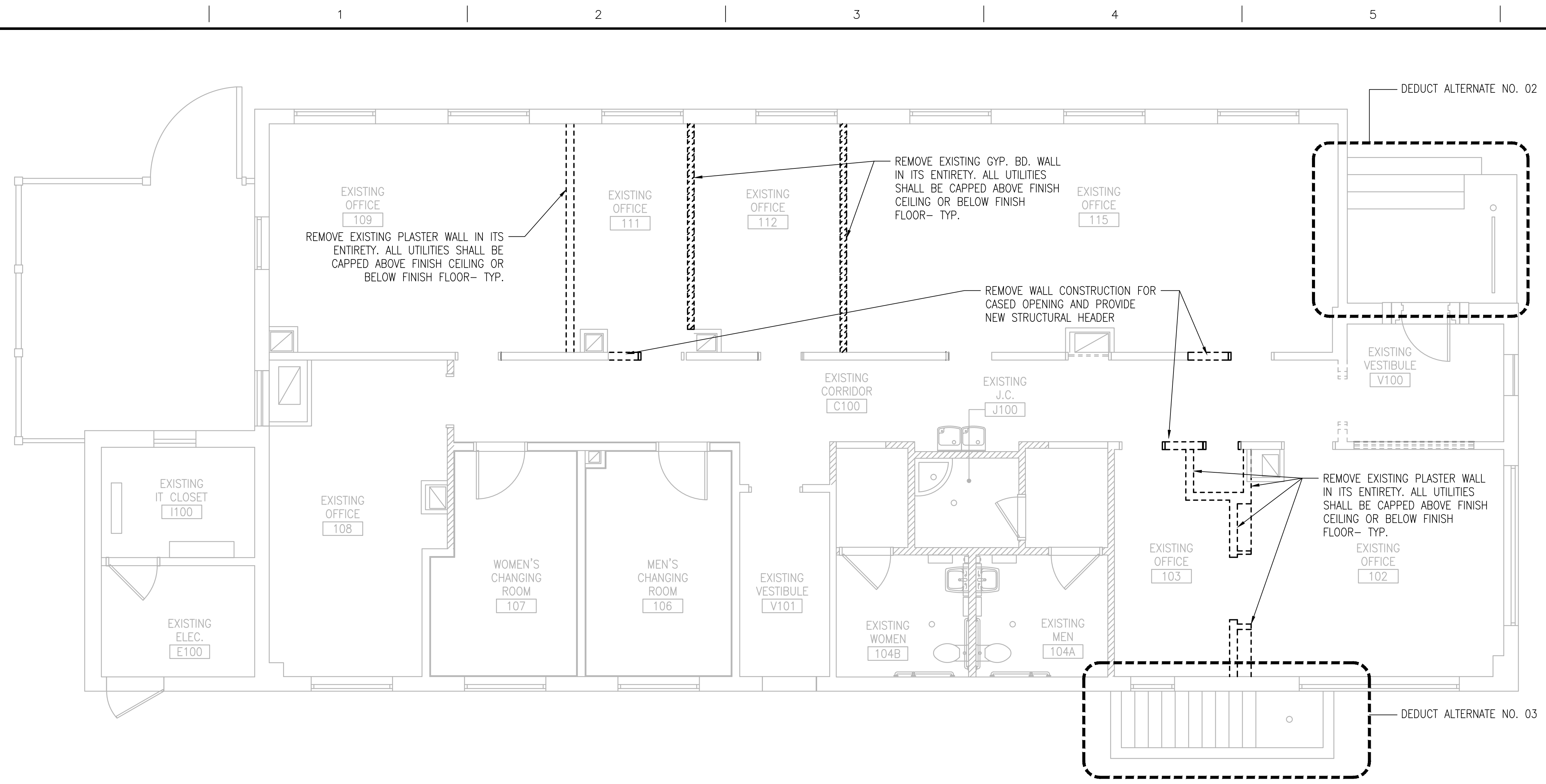
NOTES:

1. ALTERNATE: THIS DOOR IS REMOVED AS PART OF THE ALTERNATE. SEE SHEET A-401 FOR ALTERNATE DRAWINGS.
2. ALTERNATE: THIS DOOR IS REMOVED AS PART OF THE ALTERNATE, AND BECOMES A H.M. FRAMED CASÉD OPENING. SEE SHEET A-401 FOR ALTERNATE DRAWINGS.
3. AUTOMATIC DOOR WITH PUSH PLATE OPERATOR.
4. N/A
5. DOOR FRAME THROAT OPENINGS WILL VARY AND SHALL BE SIZED FOR EACH DOOR UNIT. FIELD VERIFY EACH CONDITION BEFORE SUBMITTING SHOP DRAWINGS.
6. EXISTING STONE FRAME SURROUNDING DOOR AND FRAME TO REMAIN. VERIFY IN FIELD EXACT MASONRY OPENING TO DETERMINE FRAME FACE DIMENSION.

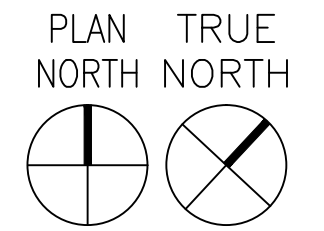
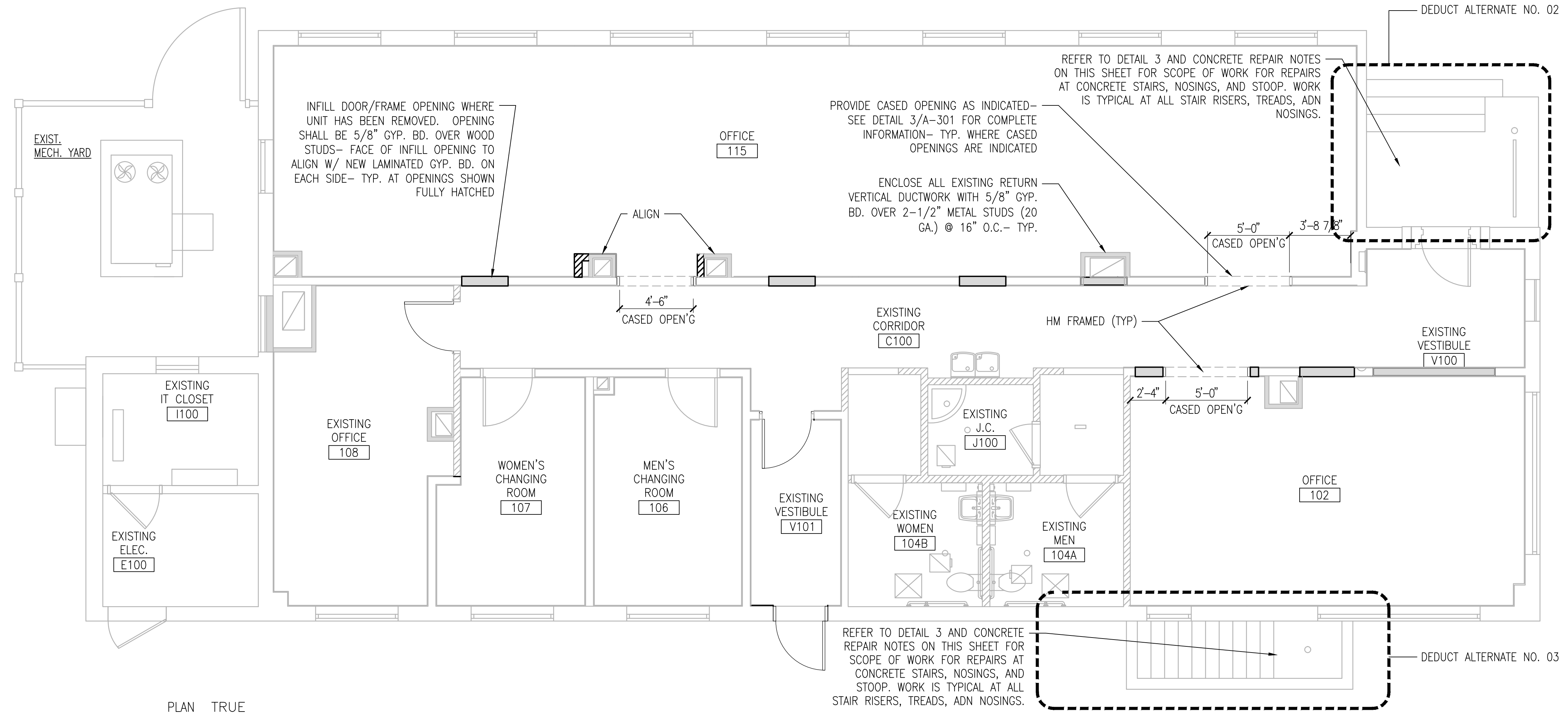
FINISHES:	
P-1	Glidden, Low Luster Acrylic, Color: Sherwin Williams- Buff-SW-7683
P-2	Glidden, Low Luster Acrylic, Color: Sherwin Williams- High Reflective White SW-7757
SV-1	Johnsonite, Contract Plac, Color: to be selected at later date
VB-1	Johnsonite, 4" H, 1/8 gauge, thermoplastic vinyl, Color: to be selected at later date
	SEE DRAWING G-001 FOR PAINTING NOTES



one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot



1 ALTERNATE NO. 01- DEMOLITION FIRST FLOOR PLAN
1/4" = 1'-0"



2 ALTERNATE NO. 01- NEW FIRST FLOORPLAN
1/4" = 1'-0"

DEDUCT ALTERNATES

- THIS SHEET INDICATES THE DEDUCT ALTERNATES TO THE BASE SCOPE OF WORK. ALL GENERAL NOTES, KEY NOTES, ETC. SHALL BE INCLUDED AS PART OF THESE DRAWINGS, WITH THE EXCEPTIONS PROVIDED ON THE ALTERNATE PLANS.
- SEE BELOW FOR DESCRIPTION OF ALTERNATES.

DEDUCT ALTERNATE NO. 01

- REMOVE EXISTING WALLS BETWEEN EXISTING ROOMS 109/111, 111/112, 112/115, AND 102/103 IN THEIR ENTIRETY AS SHOWN ON THE DRAWINGS. ALL EXISTING UTILITIES IN WALLS SHALL BE CAPPED ABOVE FINISH CEILING OR BELOW SUBFLOOR.
- HOLLOW METAL FRAMED CASED OPENINGS SHALL BE INSTALLED IN LIEU OF DOORS AS INDICATED ON THE NEW FLOOR PLAN, SEE 3/A-301.
- INFILL DOOR OPENINGS AS INDICATED ON THE NEW FLOOR PLAN. WALLS SHALL BE 5/8" GYP. BD. OVER WOOD STUDS AND SHALL ALIGN WITH NEW LAMINATED GYP. BD. WALLS.
- CEILINGS AND WALLS SHALL BE PATCHED AS REQUIRED TO MATCH NEW WALL MATERIALS AND FINISHES WHERE EXISTING WALLS ARE TO BE REMOVED.
- MECHANICAL DUCTWORK IN EXISTING ROOM 103 SHALL BE REWORKED AS REQUIRED TO ALLOW THE REMOVAL OF THE EXISTING CASED OPENING.
- FOR ELECTRICAL POWER REQUIREMENTS AND MODIFICATIONS FROM THE BASE BID, SEE 3/EP-102.

DEDUCT ALTERNATE NO. 02

IN LIEU OF THE DEMOLITION AND FURNISHING OF NEW STAIRS AND STOOP, PROVIDE THE REPAIR WORK AS DETAILED AND SPECIFIED.

- STRIP, GRIND, PRIME AND REPAINT EXISTING COLUMNS, GUARD RAILS, HANDRAILS, AND EXPOSED MISCELLANEOUS METAL BRACKETS, PLATES, ETC.
- EXTERIOR CONCRETE STAIRS AND STOOP TO BE REPAIRED. AS PER DETAILED NOTES BELOW.

DEDUCT ALTERNATE NO. 03

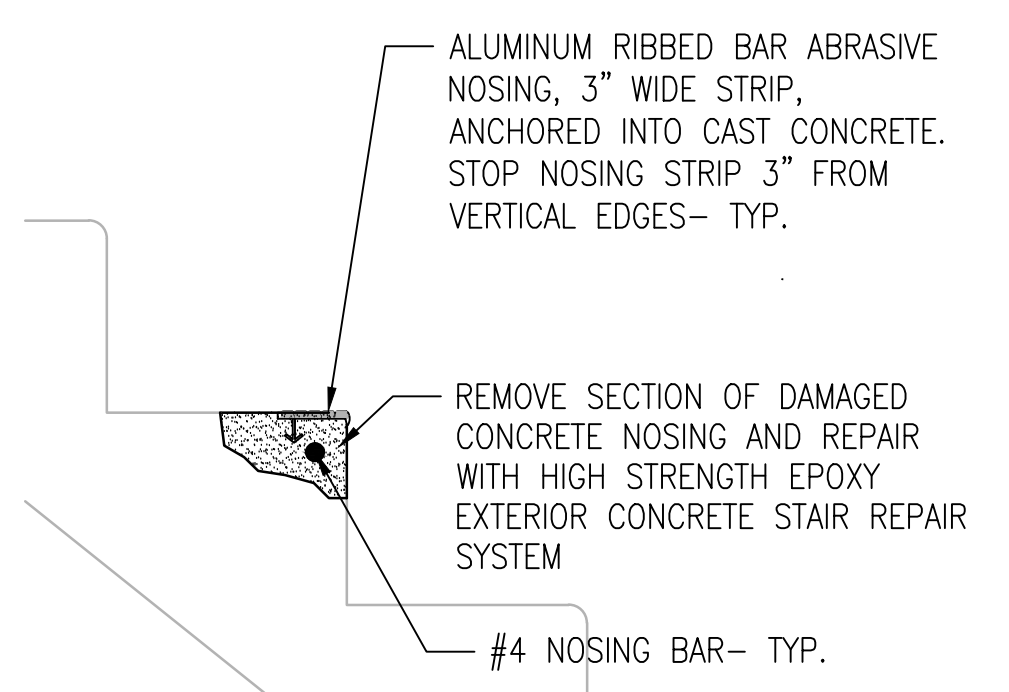
IN LIEU OF THE DEMOLITION AND FURNISHING OF NEW STAIRS, PROVIDE THE REPAIR WORK AS DETAILED AND SPECIFIED.

- STRIP, GRIND, PRIME AND REPAINT EXISTING GUARD RAILS, HANDRAILS, AND EXPOSED MISCELLANEOUS METAL BRACKETS, PLATES, ETC.
- EXTERIOR CONCRETE STAIRS AND STOOP TO BE REPAIRED. AS PER DETAILED NOTES BELOW.

DEDUCT ALTERNATE NO. 02 + 03

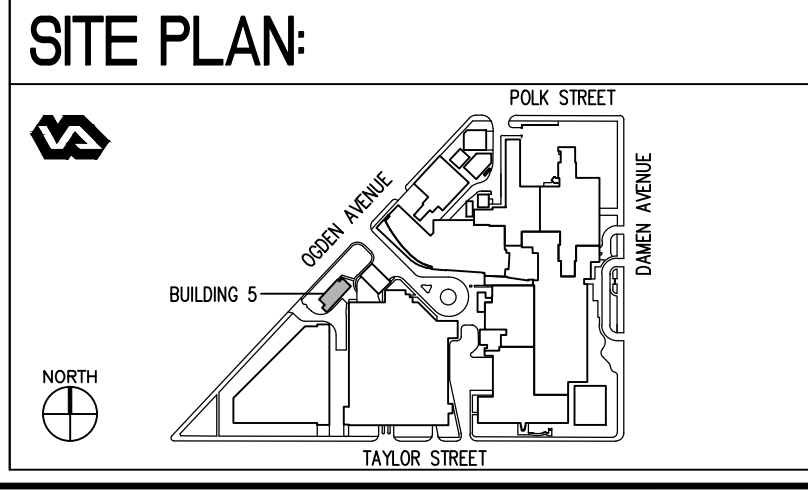
CONCRETE STAIR/ STOOP BASIS OF DESIGN REPAIR NOTES:

- THE EXISTING SOUTH CONCRETE STAIRS TO THE BASEMENT AND THE EXISTING NORTH MAIN ENTRANCE CONCRETE STAIRS AND STOOP ARE INCLUDED IN THE REPAIRS.
 - POWER WASH EXISTING CONCRETE STAIRS AND STOOP AS REQUIRED TO REMOVE ALL DIRT, GRIME, SALT, ETC.. USE MINIMUM 5000 PSI POWER WASH, OR AS RECOMMENDED BY CONCRETE REPAIR PRODUCTS MANUFACTURER.
 - PATCH AND REPAIR ALL DAMAGED AREAS OF CONCRETE (NOSINGS, TREADS, RISERS) WITH "ARDEX CP CONCRETE PATCH", OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - PRIME NEW AND EXISTING CONCRETE WITH "ARDEX CG PRIMER", OR APPROVED EQUAL. PROVIDE BRUSH FINISH AS RECOMMENDED BY MANUFACTURER FOR TEXTURE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE CONCRETE TOPPING OVER EXISTING AND NEW CONCRETE WORK WITH "ARDEX CD TOPPING", OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE ALL PRODUCTS IN ACCORDANCE WITH THE REQUIREMENTS OF SINGLE MANUFACTURER'S EXTERIOR CONCRETE REPAIR SYSTEM THAT MEETS OR EXCEEDS THE "BASIS OF DESIGN" PERFORMANCE STANDARDS ESTABLISHED BY THE ARDEX SYSTEM AND PRODUCTS REQUIRED.



3 DEDUCT ALT. NO. 02 + 03 CONCRETE STEP REPAIR
1-1/2" = 1'-0"

NO.	REVISIONS	DATE
1	ISSUED FOR SOLICITATION	08/04/2016
2	ISSUED FOR BIDS	12/03/2015
3	Revisions	Date



ENGINEERS + CONSULTANTS:

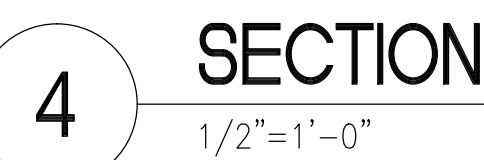
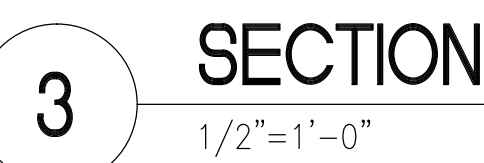
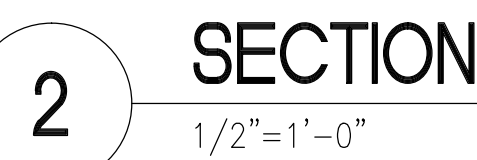
ARCHITECT + ENGINEERS:
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Bancroft-AE Project No. 13-105-08

Drawing Title
DEDUCT ALTERNATES - FIRST FLOOR PLAN AND EXTERIOR STAIRS

Project Title
INTERIOR ARCHITECTURAL CONSTRUCTION AT BUILDING 5

Project Number
#537-13-122
Building Number
5
Drawing Number
A-401

Office of
Construction
and Facilities
Management
Department of
Veterans Affairs




- | | |
|----------|--|
| A-S-101: | PROVIDE 5" SLAB-ON-GRADE REINFORCED WITH #3@12 EACH WAY, MID-DEPTH. PLACE SLAB OVER 6" OF COMPACTED GRANULAR FILL. |
| B-S-101: | PROVIDE 12" CONCRETE POURED SLAB REINFORCED WITH #4@12 EACH WAY, TOP & BOTTOM. |
| C-S-101: | PROVIDE ARCHITECTURAL RUBBED FINISH ON ALL EXPOSED CONCRETE FOUNDATION WALL SURFACES. |



A map of the study area showing the location of Building 5. The map includes Oden Avenue, Taylor Street, and Polk Street. Building 5 is highlighted in grey. A north arrow is located in the bottom left corner.

JWALogo_Ad_HighRes.jpg

 **Bancroft**
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Bancroft-AE Project No. 13-105-08

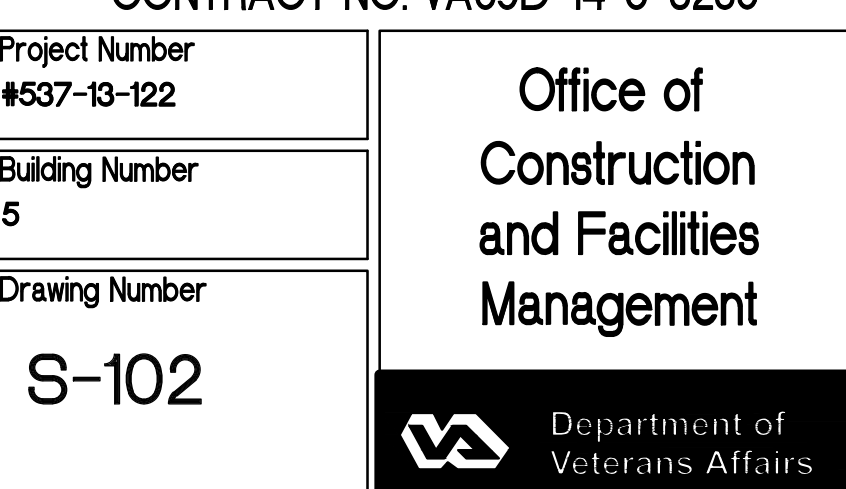
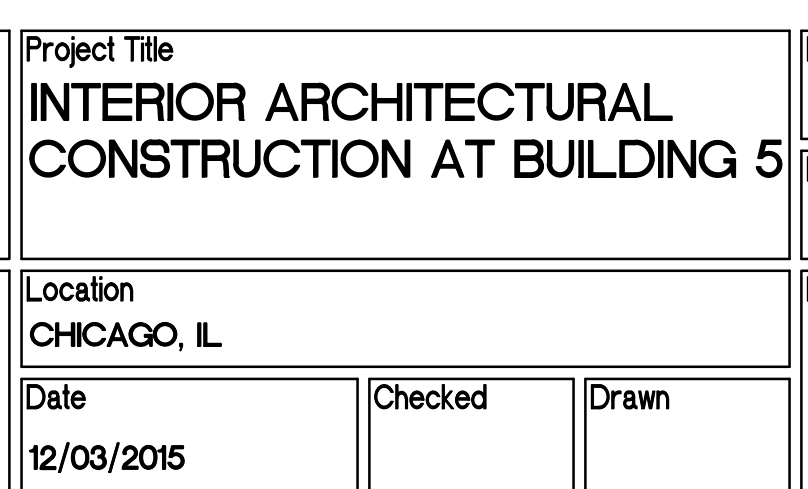
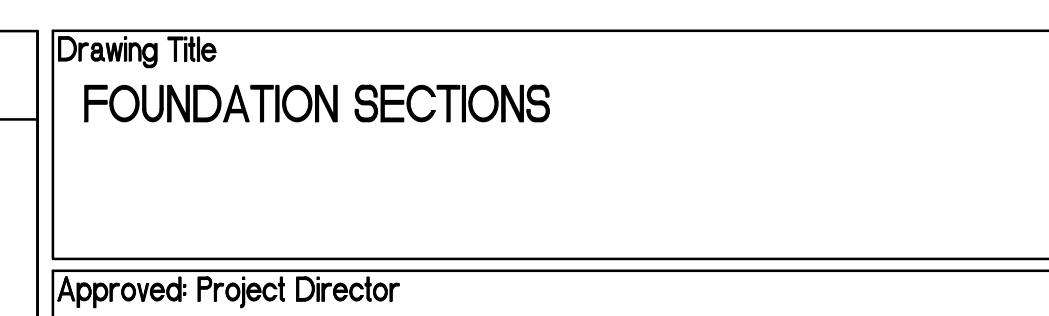
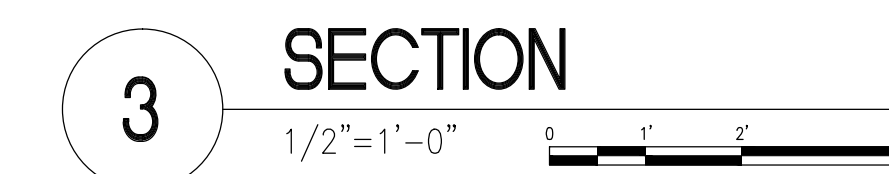
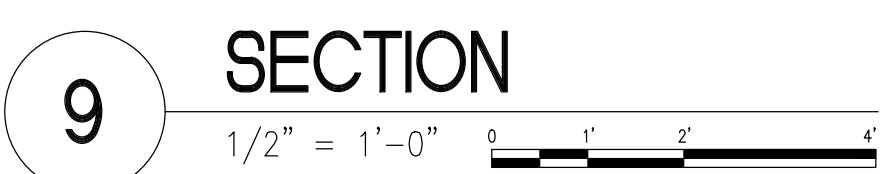
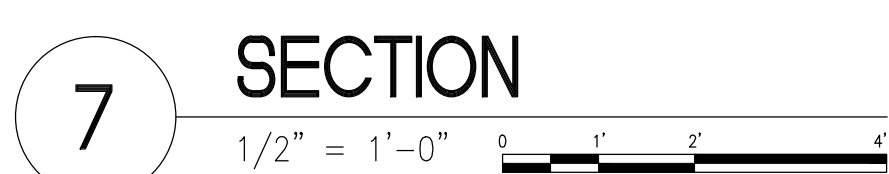
Approved: Project Director

Drawn

Drawing Number	S-101
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Office of
Construction
and Facilities
Management





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STRUCTURAL GENERAL NOTES

BUILDING CODE IBC 2015

RISK CATEGORY II

STRUCTURAL LOADING DATA – TENANT STRUCTURAL IMPROVEMENTS

SLAB ON GRADE

LIVE LOAD 100 PSF

CONCENTRATED LOAD 1,000 LBS

GUARDRAIL/HANDRAIL – IBC 2015

HANDRAIL AND GUARDRAIL SYSTEM CONCENTRATED LOAD 200 LBS ANY DIRECTION ANY LOCATION

HANDRAIL AND GUARDRAIL SYSTEM UNIFORM LOAD OF 50 LB/FT ANY DIRECTION

1.0 GENERAL

1.1 THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING CONDITIONS INCLUDING ALL DIMENSIONS AND ELEVATIONS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COR OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DESIGN DOCUMENTS.

1.2 THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.

1.3 THE CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL AND ARCHITECTURAL DRAWINGS AND WITH THE MECHANICAL CONTRACTOR.

1.4 THE CONTRACTOR SHALL NOTIFY THE COR IMMEDIATELY OF ANY DISCREPANCIES.

1.5 THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND MAKE NECESSARY INVESTIGATIONS AND FIELD MEASUREMENTS.

1.6 DO NOT SCALE DRAWINGS.

1.7 THE A/E HAS NO SUPERVISORY RESPONSIBILITY, HAS NO CONTROL OF OR RESPONSIBILITY FOR THE MEANS, METHODS, TECHNIQUES, PROCEDURES OR SEQUENCE OF CONSTRUCTION, HAS NO RESPONSIBILITY FOR THE FAILURE OF ANY CONTRACTOR TO PERFORM THE WORK IN ACCORDANCE WITH THE DESIGN DOCUMENTS AND NO RESPONSIBILITY TO DEVISE, IMPLEMENT OR ENFORCE ANY SAFETY PRECAUTIONS OR PROGRAMS FOR THE PROJECT.

2.0 EXCAVATION

2.1 CONTRACTOR SHALL LOCATE ALL EXISTING BELOW GRADE UTILITIES AND INTERFERENCES PRIOR TO START OF WORK. NOTIFY THE COR OF ANY INTERFERENCES.

2.2 REMOVE EXISTING PAVING AND SIDEWALKS IN AREA OF NEW RAMP.

2.3 STRIP TOPSOIL OVER THE ENTIRE RAMP AREA.

2.4 EXCAVATE AS REQUIRED FOR FOUNDING OF TRENCH FOOTINGS ON UNDISTURBED SOIL OR COMPACTED ENGINEERED FILL OF 3,000 PSF NET BEARING CAPACITY.

2.5 FOOTINGS SHALL BEAR AT SUFFICIENT DEPTH TO PROVIDE ADEQUATE FROST COVERAGE PER LOCAL REQUIREMENTS. IN NO CASE SHALL DEPTHS BE LESS THAN THE MINIMUM DEPTHS SHOWN ON PLANS AND DETAILS.

2.6 MAINTAIN ALL EXCAVATIONS FREE OF WATER CONTINUOUSLY.

2.7 BACKFILL BEHIND EXTERIOR WALLS ON THE OUTSIDE OF THE BUILDING WITH COMPACTED GRANULAR FILL PLACED IN 10" LOOSE LIFTS COMPACTED TO 85% OF MAXIMUM DENSITY.

2.8 BACKFILL ON INSIDE OF BUILDING WITH COMPACTED GRANULAR FILL PLACED IN 10" LOOSE LIFTS COMPACTED TO 95% OF MAXIMUM DENSITY.

2.9 CONTRACTOR'S TESTING SERVICE SHALL CONFIRM THE ALLOWABLE BEARING PRESSURES AND SOIL CONDITIONS.

3.0 CONCRETE

3.1 GENERAL REQUIREMENTS

ALL WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE FOLLOWING EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

ACI 301-10, SPECIFICATION FOR STRUCTURAL CONCRETE

ACI 318-11 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

ACI 360-10 GUIDE FOR DESIGN OF SLAB ON GRADES

ACI 315 ACI DETAILING MANUAL

ACI 305-10 GUIDE TO HOT WEATHER CONCRETING

ACI 306-05 GUIDE TO COLD WEATHER CONCRETING

3.2 SUBMITTALS

CONCRETE MIXES WITH HISTORICAL TEST DATA.

MATERIAL CERTIFICATES: CEMENT, AGGREGATES, ADMIXTURES, REINFORCING STEEL

REINFORCING STEEL PLACEMENT DRAWINGS

3.3 PRODUCTS

REINFORCING BARS: ASTM A615 GRADE 60

REINFORCING BARS WELDABLE: ASTM A706 GRADE 60

PLAIN WIRE FABRIC: ASTM A185

PORTLAND CEMENT: ASTM C150 TYPE I OR II.

AGGREGATES: ASTM C33

WATER: POTABLE ASTM C94

ADMIXTURES

AIR ENTRAINING ASTM C260

CHEMICAL ADMIXTURES ASTM C 494

AIR CONTENT FOR CONCRETE EXPOSED TO WEATHER: 4 TO 7%.

SLUMP: 4"

CONCRETE STRENGTH: F'C 4,000 PSI AT 28 DAYS

MIXING PER ASTM C94

CURING COMPOUNDS: ASTM C309 OR C1315

3.4 EXECUTION

CONCRETE COVER

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3"

CONCRETE EXPOSED TO EARTH OR WEATHER 2"

CONCRETE NOT EXPOSED TO WEATHER 1-1/2"

ALL FOOTINGS AND WALL FOOTINGS SHALL BE FORMED UNLESS NOTED.

LAP SPICE LENGTHS PER ACI 318 CHAPTER 12 USING A CLASS B SPICE. ALL WELDED WIRE FABRIC SHALL BE LAPPED ONE GRID MINIMUM

ALL SLAB-ON-GRADE CONSTRUCTION JOINTS SHALL BE KEYPED; REINFORCING SHALL NOT PASS THROUGH; 24 HOURS MINIMUM BETWEEN ADJACENT POURS.

LOCATE JOINTS AS SHOWN ON PLANS; WHERE NOT SHOWN, CONTROL OR CONSTRUCTION JOINTS SHALL BE PLACED IN ACCORDANCE WITH ACI RECOMMENDATIONS I.E., A MAXIMUM PANEL SIZE (IN FEET) EQUAL TO APPROXIMATELY THREE TIMES THE THICKNESS OF THE SLAB (IN INCHES) IN BOTH DIRECTIONS.

HOOK ENDS OF BARS INTERRUPTED BY OPENINGS. HOOK TOP BARS AT ALL EDGES. AT ALL WALL AND SLAB OPENINGS, PROVIDE 2-#5 BARS X OPENING WIDTH PLUS 4 FEET (2 FEET EACH SIDE) EACH FACE, UNLESS SHOWN OTHERWISE.

PLACEMENT OF CONCRETE IN COLD WEATHER SHALL COMPLY WITH ACI306

PLACEMENT OF CONCRETE IN HOT WEATHER SHALL COMPLY WITH ACI305

TOLERANCES SHALL MEET ACI 117, ACI 301 AND ACI 318 AS A MINIMUM.

SLAB ON GRADE FINISH: BROOM

4.0 STRUCTURAL STEEL

4.1 GENERAL

ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE AISC "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" 2005, "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" 2004, "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES," 2005 AND AWS D1.1 2004.

THE PROVISIONS OF THE ALLOWABLE STRENGTH DESIGN METHOD (ASD) WAS USED AS A BASIS FOR DESIGN. ALL FORCES/REACTIONS INDICATED ON THE DESIGN DOCUMENTS ARE THEREFORE NON-FACTORED ASD FORCES/REACTIONS.

THE CONTRACTOR'S STRUCTURAL STEEL DETAILER SHALL PREPARE STEEL ERECTION AND SHOP DRAWINGS IN ACCORDANCE WITH THE GUIDELINES AND GOOD PRACTICES NOTED IN THE AISC "DETAILING FOR STEEL CONSTRUCTION." THIRD EDITION

4.2 SUBMITTALS

CHECKED STEEL SHOP DRAWINGS.

CONNECTION CALCULATIONS PREPARED, SIGNED AND SEALED BY CONTRACTOR'S LICENSED STRUCTURAL ENGINEER.

MATERIAL CERTIFICATES (UPON REQUEST)

WELDING CERTIFICATES (UPON REQUEST)

STAIR/HANDRAIL/GUARDRAIL STRUCTURAL CALCULATIONS PREPARED, SIGNED AND SEALED BY CONTRACTOR'S LICENSED STRUCTURAL ENGINEER.

4.3 MATERIALS

ALL STRUCTURAL STEEL SHAPES SHALL BE ASTM A992 (Fy=50 ksi)

ALL STRUCTURAL STEEL PLATES AND ANGLES SHALL BE ASTM A36 (Fy=36 KSI).

ALL STRUCTURAL TUBES SHALL BE ASTM A500 GRADE B (Fy=46 KSI).

ALL STRUCTURAL PIPES SHALL BE ASTM A53 GRADE B (Fy=35 KSI).

ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY "STRUCTURAL WELDING CODE", AWS D1.1.

ALL WELD ELECTRODES SHALL BE E70XX AND ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS. ALL WELDING TO CLEAN BARE STEEL.

ALL WELD SIZES SHOWN ARE SIZED FOR LOAD ONLY. WELDS SHALL BE INCREASED IN SIZE AS REQUIRED TO MEET AISC MINIMUMS.

ALL GROOVE WELDS SHOWN ARE FULL PENETRATION WELDS UNLESS NOTED OTHERWISE.

WELDS NOTED AS PARTIAL PENETRATION GROOVE WELDS SHOW "EFFECTIVE" SIZE OF WELD.

WELD JOINTS SHALL BE DETAILED BASED ON PROCESS USED AND POSITION OF WELD TO MEET THE "EFFECTIVE" SIZE SHOWN ON THE DRAWINGS.

ALL BOLTING SHALL BE WITH 3/4" DIAMETER A325 (BEARING TYPE) HIGH STRENGTH BOLTS UNLESS NOTED OTHERWISE. ALL CONNECTIONS SHALL CONFORM TO AISC "MANUAL OF STEEL CONSTRUCTION", 13TH ED., TABLE 10-1. MINIMUM CONNECTION CAPACITY SHALL BE 50% OF THE TOTAL UNIFORM LOAD CAPACITY NON COMPOSITE BEAMS AND 75% OF THE TOTAL UNIFORM LOAD CAPACITY FOR COMPOSITE BEAMS AS SHOWN IN TABLES OF "UNIFORM LOAD CONSTANTS" IN PART 3 OF THE MANUAL, UNLESS LARGER REACTIONS ARE SHOWN ON THE DRAWINGS.

PROVIDE FULL SIZE 1/4" SETTING PLATES ON 4,000 PSI NON-SHRINK GROUT FOR ALL COLUMNS AND (4)-3/4" DIAMETER ASTM F-1554-36 ANCHOR BOLTS, UNLESS NOTED.

ERECT ALL MEMBERS WITH NATURAL CAMBER UP, EXCEPT FOR CERTAIN CANTILEVERED MEMBERS.

PROVIDE SUB-FRAMING FOR EQUIPMENT SUPPORTED ON OR SUSPENDED FROM THE STRUCTURE.

ALL STEEL SHALL BE SHOP COATED WITH PRIME PAINT AS SPECIFIED. MASK SURFACES TO BE FIELD WELDED AND AT BOLT HOLES IN FAYING SURFACES OF SLIP CRITICAL BOLTED CONNECTIONS.

4.4 EXECUTION

VERIFY THAT FIELD CONDITIONS ARE ACCEPTABLE AND ARE READY TO RECEIVE WORK.

STEEL ERECTION TOLERANCES SHALL BE IN ACCORDANCE WITH THE CODE OF STANDARD PRACTICE.

5.0 GALLERY WORK

5.1 ALL GALLERY WORK (GUARDRAILS/HANDRAIL) ARE DELEGATED DESIGN ITEMS AND SHALL MEET THE DESIGN REQUIREMENTS OF THE BUILDING CODE NOTED ABOVE, OSHA AND ASCE 7 SECTION 4.

5.2 GUARDRAIL/HANDRAIL SHALL BE DESIGNED TO MEET CODES LISTED ABOVE. POSTS AND RAILS SHALL BE A MINIMUM 1-1/2" DIAMETER STANDARD GALVANIZED PIPE (ASTM A53 GR B) WITH ALL WELDED JOINTS AND FIELDED WELDED TO EMBED PLATES. POSTS SHALL BE SPACED NO GREATER THAN 4'-0" ON CENTER. SHOP FABRICATE IN AS LARGE OF SECTIONS AS POSSIBLE FOR EASE OF ERECTION. ALL EDGES SHALL BE ROUNDED AND WELDS GROUND SMOOTH.

5.3 TOUCH UP FIELD GALVANIZING AT ALL WELDS

5.4 PROVIDE WEEP HOLES AT BASE OF ALL POSTS.

6.0 SHOP DRAWINGS AND TEST REPORTS

6.1 GENERAL CONTRACTOR SHALL CHECK ALL SHOP DRAWINGS BEFORE SUBMITTAL TO COR FOR REVIEW.

6.2 REVIEW BY COR WILL BE FOR CONFORMANCE TO GENERAL LAYOUT AND DESIGN INTENT ONLY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ACCURACY OF DIMENSIONS, FABRICATION, FIT UP OF PARTS AND BILLS OF MATERIALS. CONTRACTOR SHALL COORDINATE WORK OF VARIOUS TRADES AND MAKE NECESSARY FIELD MEASUREMENTS.

6.3 THE CONTRACT SPECIFICATIONS PROVIDE A COMPLETE LISTING OF SUBMITTALS. THE FOLLOWING IS A SUMMARY OF THE REQUIRED SUBMITTALS:

CONCRETE

PRODUCT DATA SHEETS

PROPOSED CONCRETE MIX DESIGNS WITH ASSOCIATED HISTORICAL TEST DATA.

MATERIAL CERTIFICATIONS

REINFORCING STEEL PLACEMENT DRAWINGS PER ACI 315

FIELD QUALITY CONTROL TESTS: SLUMP, AIR CONTENT, COMPRESSIVE STRENGTH ETC.

GALLERY WORK (STAIRS/HANDRAIL/GUARD RAIL/LADDERS ETC)

PRODUCT DATA SHEETS

MATERIAL CERTIFICATIONS

STRUCTURAL STEEL SHOP DRAWINGS

DESIGN CALCULATIONS SIGNED AND SEALED BY PROFESSIONAL ENGINEER.

7.0 DESIGN DELEGATION

7.1 CERTAIN COMPONENTS OF THE COMPLETED CONSTRUCTION ARE BEING DESIGN DELEGATED TO THE MANUFACTURER OF THE COMPONENT. THE FOLLOWING ARE DESIGN DELEGATED ON THIS PROJECT

GUARDRAIL, HANDRAIL, ETC.

OTHER WORK AS LISTED ON DRAWINGS, SPECIFICATIONS AND CUSTOMARY INDUSTRY STANDARDS.

WHERE DELEGATION OF DESIGN IS SPECIFIED, THE MANUFACTURER SHALL BE RESPONSIBLE FOR RETAINING THE SERVICES OF A LICENSED STRUCTURAL ENGINEER IN THE STATE HAVING JURISDICTION. IS LOCATED. THE LICENSED STRUCTURAL ENGINEER SHALL DESIGN AND DETAIL COMPONENTS TO MEET GOVERNING BUILDING CODES, STANDARDS AND THE SPECIFIED PERFORMANCE CRITERIA. SIGNED AND SEALED CALCULATIONS SHALL BE SUBMITTED FOR RECORD. THE DESIGN DELEGATED STRUCTURAL ENGINEER SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN OF THE COMPONENT.

8.0 DEMOLITION

8.1 THE CONTRACTOR SHALL CAREFULLY REMOVE ONLY THE EXISTING ITEMS IDENTIFIED ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. IN NO CASE SHALL THE REMOVAL OF ANY PORTION OF THE EXISTING STRUCTURE BE PERFORMED IN SUCH A WAY AS TO AFFECT THE STRUCTURAL INTEGRITY OF THE REMAINING PORTION OF THE BUILDING. THE CONTRACTOR SHALL NOTIFY THE COR IMMEDIATELY OF ANY STRUCTURAL ITEMS WHICH NEED TO BE DEMOLISHED BUT ARE NOT CLEARLY IDENTIFIED ON THE STRUCTURAL OR ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL MINIMIZE THE EXTENT OF THE DEMOLITION TO THE EXISTING STRUCTURE TO ONLY THAT REQUIRED TO INSTALL THE NEW BUILDING ADDITION.

9.0 STRUCTURAL TESTS AND INSPECTIONS (IBC 2015)

9.1 ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AND INSPECTION AGENCY IN ACCORDANCE WITH CHAPTER 17 OF IBC 2015. THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE TO THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.

9.2 THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO COR AND THE GENERAL CONTRACTOR. ALL DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE COR FOR CORRECTION. IF UNCORRECTED, THE SPECIAL INSPECTOR SHALL NOTIFY THE COR AND THE GENERAL CONTRACTOR.

9.3 THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THIS CODE.

9.4 JOB SITE VISITS BY THE A/E OF RECORD DOES NOT CONSTITUTE AN OFFICIAL SPECIAL INSPECTION.

9.5 THE FOLLOWING LIST OF MATERIALS AND WORK REQUIRE SPECIAL INSPECTIONS

ALLOWABLE SOIL BEARING PRESSURE

PROOF ROLLING OF GRADE BELOW SLAB ON GRADE

CONCRETE REBAR PLACEMENT

CONCRETE PLACEMENT

GUARDRAIL/HANDRAIL PLACEMENT

9.6 THE CONTRACTOR SHALL PROVIDE AN INDEPENDENT, 3RD PARTY, TESTING LABORATORY AND INSPECTION AGENCY TO PROVIDE ALL REQUIRED INSPECTIONS AND TESTING AS PER THE PROJECT REQUIREMENTS AND THE SPECIFICATIONS, SUBJECT TO COR APPROVAL(S).

one eighth inch = one foot

one quarter inch = one foot

one half inch = one foot

three eighths inch = one foot

one inch = one foot

one and one half inch = one foot

two inch = one foot

three inch = one foot

four inch = one foot

five inch = one foot

six inch = one foot

seven inch = one foot

eight inch = one foot

nine inch = one foot

ten inch = one foot

eleven inch = one foot

twelve inch = one foot

thirteen inch = one foot

fourteen inch = one foot

fifteen inch = one foot

sixteen inch = one foot

VA FORM 08-6231

KLCC PROJECTS 2013.13-105 - JESSE BROWN (AE) DESIGN DDO VARIOUS 15-D-0047 TASK ORDER NO. 08 - BLDG 5-INTERIOR ARCH 537-13-122-400- DESIGN DOCUMENTS V-044- CD PHASE 100 SUBMITTALS 080416 DRAWINGS 13-105 8/2/2016 8:41:56 AM MUESA

SITE PLAN:

ENGINEERS + CONSULTANTS:

ARCHITECT + ENGINEERS:

Drawing Title

STRUCTURAL GENERAL NOTES

Approved Project Director

Project Number

#537-13-122

Building Number

5

Location

CHICAGO, IL

Date

12/03/2015

Checked

Drawn

Drawing Number

S-103

Office of Construction and Facilities Management

Department of Veterans Affairs

ISSUED FOR SOLICITATION

08/04/2016

ISSUED FOR BIDS

12/03/2015

Revisions

VA FORM 08-6231

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ISSUED FOR BIDS - NOT FOR CONSTRUCTION

A

three inches = one foot

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one and one half inches = one foot

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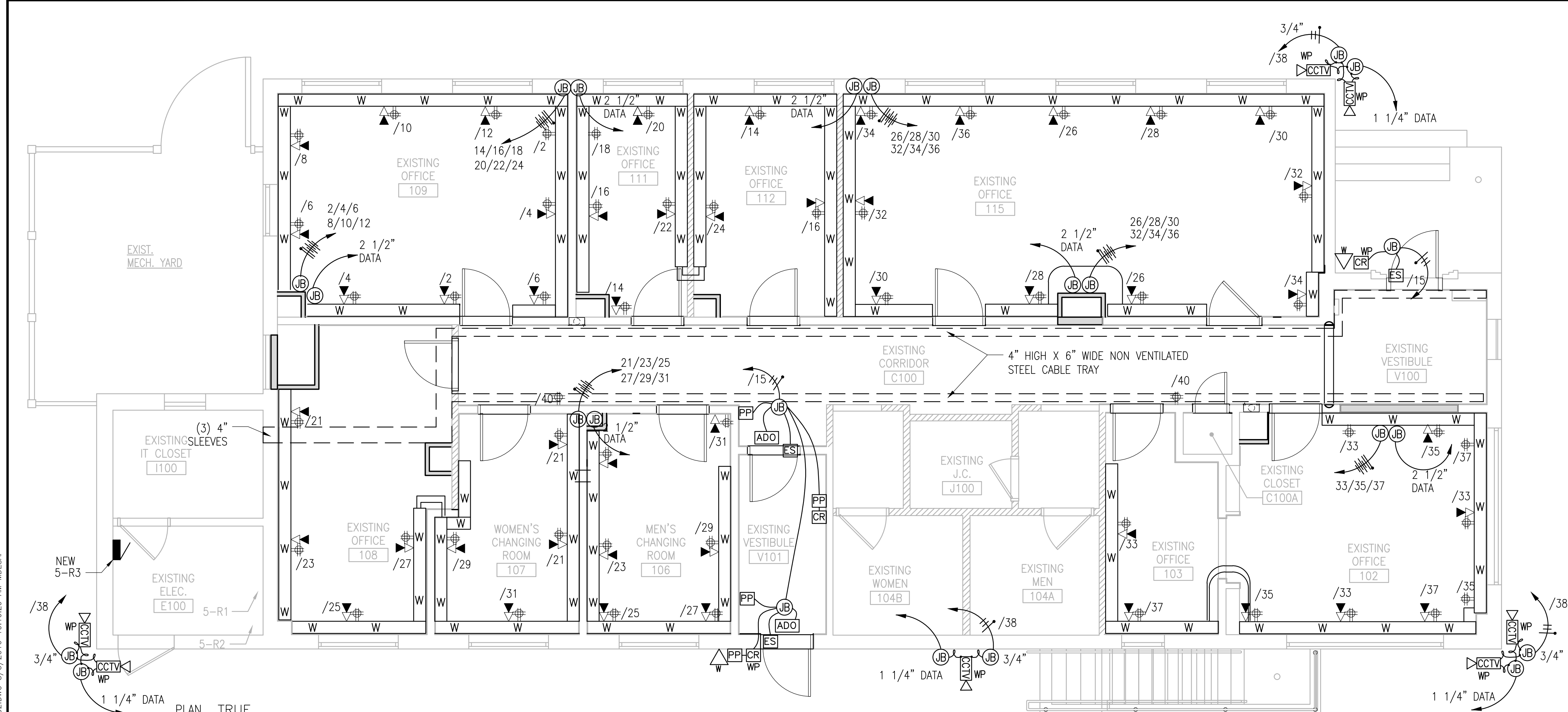
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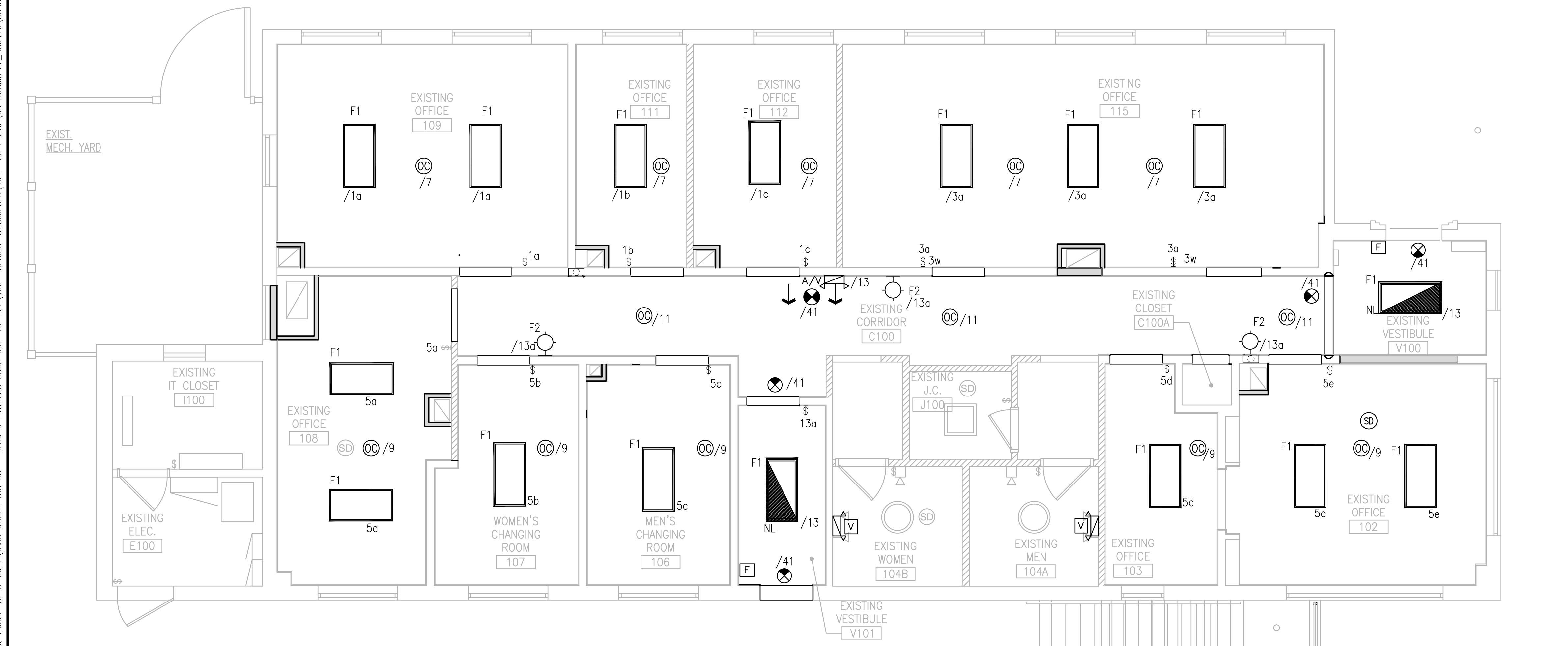
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three inches = one foot
one and one half inches = one foot
one inch = one foot
one inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one eighth inch = one foot



1 FIRST FLOOR POWER/DATA PLAN
1/4" = 1'-0"

▽ = DATA PORTS = 76/48 = (2) 48 PORT PATCH PANELS (2) WIRE (2) JACKS
▼ = VOICE PORTS = 38/48 = (1) 48 PORT PATCH PANELS (1) WIRE (2) JACKS



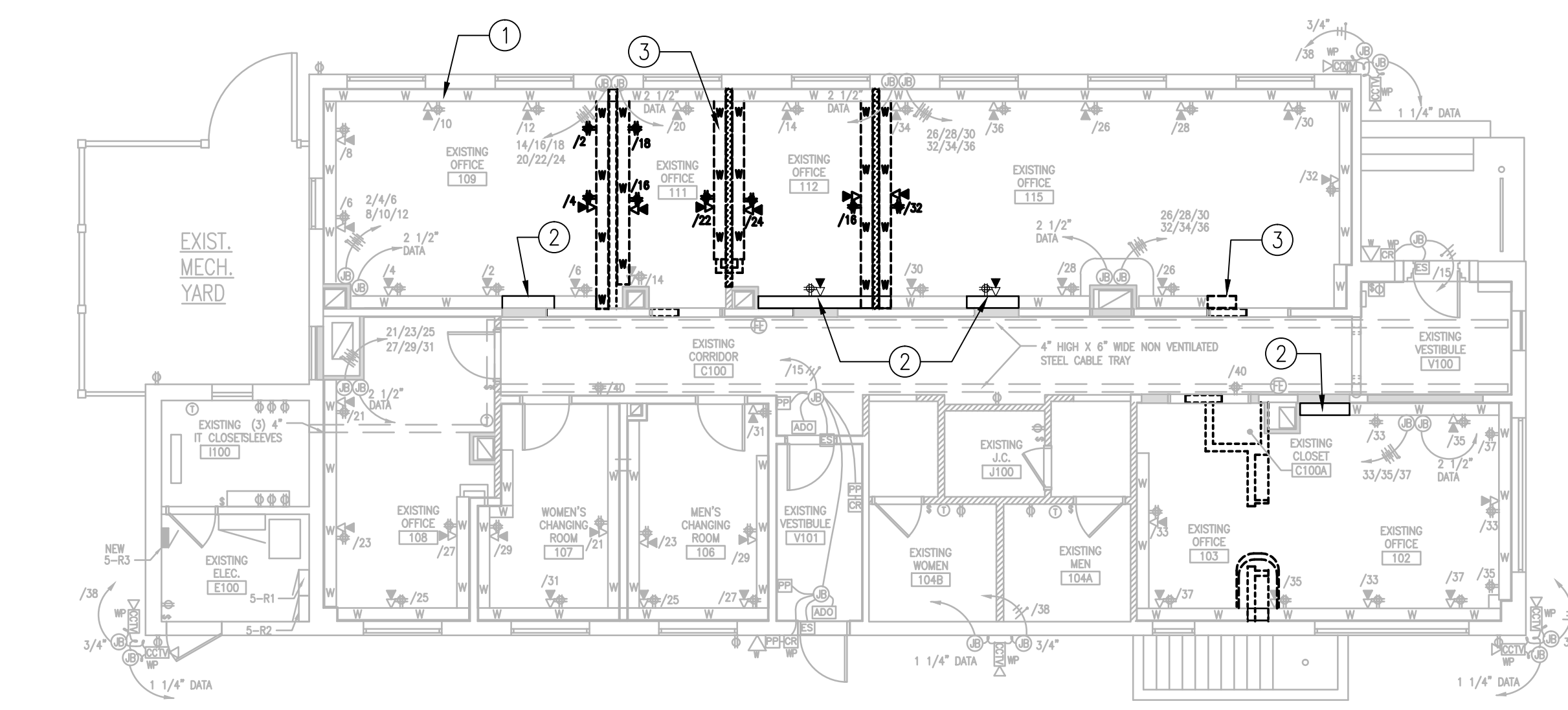
2 FIRST FLOOR LIGHTING PLAN
1/4" = 1'-0"

GENERAL NOTES

- REWORK EXISTING ELECTRICAL DEVICES AND WIRING TO REMAIN AS REQUIRED TO ACCOMMODATE THE INSTALLATION OF THE 5/8" CYP. BD. LAMINATION OVER THE EXISTING PLASTER WALL SURFACES.
- NO NEUTRAL SHARING
- POWER WIRES #10 AWG CU. MIN.
- AD OPERATOR COULD BE EITHER WALL MOUNTED ABOVE THE DOOR OR DOOR MOUNTED WITH POWER THRU THE DOOR FRAME AND INTO THE DOOR
- SEE SHEET A-401 FOR ALTERNATES. DEVICES SHALL BE RELOCATED AS REQUIRED PER CHANGES TO WALL LAYOUT DUE TO ALTERNATE.
- ALL METAL RACEWAYS SHALL BE MOUNTED 18" A.F.F.
- ALL VERTICAL CONDUIT DROPS TO FREED METAL RACEWAYS SHALL BE CONCEALED IN THE WALL/PARTITION CONSTRUCTION.

KEY NOTES

- BASE BID SCOPE OF WORK (TYPICAL)
- ADDITIONAL METAL RACEWAYS AND DEVICES REQUIRED AS SHOWN (TYPICAL).
- BASE BID METAL RACEWAYS AND DEVICES SHOWN ARE TO BE DELETED FROM SCOPE OF WORK (TYPICAL).



3 DEDUCT ALTERNATE NO. 01 - POWER PLAN
1/8" = 1'-0"

SITE PLAN: 		ENGINEERS + CONSULTANTS:		ARCHITECT + ENGINEERS: 700 Nicholas Blvd., Suite 403 Elk Grove Village, IL 60007 T: 847.952.9362 F: 847.952.9403 www.bancroft-ae.com Bancroft-AE Project No. 13-105-08		Drawing Title: ELECTRICAL POWER PLAN AND LIGHTING PLAN		Project Title: INTERIOR ARCHITECTURAL CONSTRUCTION AT BUILDING 5		Project Number: #537-13-122		Office of Construction and Facilities Management
ISSUED FOR SOLICITATION 12/03/2015		ISSUED FOR BIDS 08/04/2016				Approved Project Director		Location: CHICAGO, IL		Building Number: 5		
Revisions:								Date: 12/03/2015		Drawing Number: EP-102		

